Yahoo Group Archive:
FUNcube (2015 — 2018)

Yahoo Group summary: FUNcube Satellite & Original FCD SDR (AO-73)

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2015-01-01 through 2018-08-08

Source WARC: funcube.r4bII9q.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-09-08T17-45-35Z-8078c0

Messages included in this PDF: 818

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

9558. new to fun cube needs help

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-01 14:08:36 UTC
From: danair007@...
Topic: 9558 Message: 9558

hi all
i got a funcube pro+ for christmas and dont know how to use it ,
what kit, antennas and programs for decoding wx sats,
all help will be fantastic
Danair

9559. AW: [FUNcube] new to fun cube needs help

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-01 15:02:33 UTC
From: Dr.-Ing. W. Heiser
Topic: 9558 Message: 9559
Attachments: 4 described; binary payloads are missing from this source WARC

Robert great this is more than enough to demonstrate what capability we could offer if they need it

One question: what was the time totally that the temperatures had reached the static situation

Achtung: neue Adresse/new adress:

Dr.Ing Wolfgang Heiser (Dozent an der DHBW Mannheim)

Luft-und Raumfahrtingenieur (aeronautical engineer)

U4, 5

68161 Mannheim

https://fbcdn-sphotos-c-a.akamaihd.net/hphotos-ak-xaf1/t1.0-9/417209_125844760870207_1232822252_n.jpgIBH-Helveticahttp://ars-in.org/files/mini_dhbw-alpha.pnghttps://encrypted-tbn1.gstatic.com/images?q=tbn:ANd9GcS3-Q9wiFJJ7la8uFMK1NJvKWwJzW1Gn0uEakQVkYZPouS9tl9c

Fest: (land line) 0049 (0) 621 401 66930 , Fax: 0049 (0) 621 401 66940 Wir können auch fliegen

Fax: 0049 (0) 621 401 66940

Handy: (mobile) 0049 (0) 1575 2891530

Skype: dr. heiser office (after previous contact)

e-mail aufs Handy: aeroheiser@...

Diese E-Mail ist vertraulich und ausschließlich für den im Betreff genannten Empfänger bestimmt. Die E-Mail kann vertrauliche Anwaltsinformationen enthalten, die nach den maßgeblichen gesetzlichen Vorschriften nicht weitergegeben oder von Dritten gelesen werden dürfen. Sollten Sie diese E-Mail erhalten haben, ohne dass Sie als berechtigter Empfänger genannt sind, bitten wir Sie, mit uns unter der Telefonnummer 0621/401 669 30 Kontakt aufzunehmen oder diese E-Mail an uns zurückzuschicken und von Ihrem Computer zu löschen. Sie sind in diesem Fall weder berechtigt die E-Mail zu kopieren, noch deren Inhalt Dritten zugänglich zu machen.

Von: FUNcube@... [mailto:FUNcube@...]
Gesendet: Donnerstag, 1. Januar 2015 15:09
An: FUNcube@...
Betreff: [FUNcube] new to fun cube needs help

hi all

i got a funcube pro+ for christmas and dont know how to use it ,

what kit, antennas and programs for decoding wx sats,

all help will be fantastic

Danair

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.
http://www.avast.com

9560. Re: [FUNcube] new to fun cube needs help

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-01 17:06:34 UTC
From: David J Taylor
Topic: 9558 Message: 9560

hi all

i got a funcube pro+ for christmas and dont know how to use it ,

what kit, antennas and programs for decoding wx sats,

all help will be fantastic

Danair
==========

Danair,

Perhaps a glance through the Wiki might give you some ideas?

http://funcubedongle.pbworks.com

There's a group discussing decoding the new Meteor-M N2 weather satellite
here:

http://groups.yahoo.com/group/GEO-Subscribers/info

Enjoy your Christmas present, and a Happy New Year!

David
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...

9561. AW: [FUNcube] new to fun cube needs help

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-02 13:47:48 UTC
From: siegfried jackstien
Topic: 9558 Message: 9561

Antenna ... qfh or eggbeater or ... (a circular polarized omni is best for wx sats)

Software ... hdsdr or sdrsharp is a good starting point in sdrsoft

...

Wx2img is for receiving the apt pics from noaa birds (meteor m2 is a bit more complicated)

If set to wfm you do not need Doppler correction (can be added later)

...

For routing audio from sdrsoft towards wx2img you either can use stereomix or vac (virtual audio cable)

First make your feet wet with receiving "normal" audio transmissions like repeaters or similar ... if that works then you can try to route the audio to wx2img and receive the noyy sats ... then make a recording from meteor m2 and try to decode that after the recording is finished (as far as I know there is no software for live decoding m2 ...)
.....

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
> Gesendet: Donnerstag, 1. Januar 2015 14:09
> An: FUNcube@yahoogroups.co.uk
> Betreff: [FUNcube] new to fun cube needs help
>
>
>
> hi all
>
> i got a funcube pro+ for christmas and dont know how to use it ,
>
> what kit, antennas and programs for decoding wx sats,
>
> all help will be fantastic
>
> Danair
>
>

9562. Different colors for count meaning?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-10 21:46:01 UTC
From: davidahaworth@...
Topic: 9562 Message: 9562

What do the different colors
(green, orange, white) for count mean in the
Upload Ranking web page?
Upload Ranking http://warehouse.funcube.org.uk/ranking.html?satelliteId=2

Upload Ranking http://warehouse.funcube.org.uk/ranking.html?satelliteId=2 FUNcube is a CubeSat built by ISIS, AMSAT-UK and AMSAT-NL. This Web site allows the public, the press and the amateur radio operators to obtain live information about the satellite.

View on warehouse.funcube.org.uk
http://warehouse.funcube.org.uk/ranking.html?satelliteId=2
Preview by Yahoo

My first upload shows in green at the bottom of the list.

Equipment used is described on
AO-73 Satellite 20150104 1809UT
http://www.stargazing.net/david/satellites/20150104_1809UT_AO-73.html

http://www.stargazing.net/david/satellites/20150104_1809UT_AO-73.html

AO-73 Satellite 20150104 1809UT
http://www.stargazing.net/david/satellites/20150104_1809UT_AO-73.html <<PREVIOUS - HOME - CONTENTS - NEXT>> SATELLITES INDEX - · FUNcube-1 AO-73 Satellite Date: 20150104 1809UT · Summary YouTub...

View on www.stargazing.net
http://www.stargazing.net/david/satellites/20150104_1809UT_AO-73.html
Preview by Yahoo

Clear & Dark Skies without RFI
David Haworth, WA9ONY
Observational Astronomy http://www.stargazing.net/david/

http://www.stargazing.net/david/

Observational Astronomy http://www.stargazing.net/david/ Observational Astronomy

View on www.stargazing.net http://www.stargazing.net/david/
Preview by Yahoo

9563. RE: [FUNcube] Different colors for count meaning?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-10 23:58:55 UTC
From: Colin Hurst
Topic: 9562 Message: 9563

David,

From memory.

Green: uploads within last two weeks. Orange: no uploads in last two weeks.

White: no uploads in last four weeks. Not positive about white.

Colin VK5HI

From: FUNcube@... [mailto:FUNcube@...]
Sent: Sunday, 11 January 2015 08:16
To: FUNcube@yahoogroups.co.uk
Subject: [FUNcube] Different colors for count meaning?

What do the different colors

(green, orange, white) for count mean in the

Upload Ranking web page?

Upload Ranking <http://warehouse.funcube.org.uk/ranking.html?satelliteId=2>

<http://warehouse.funcube.org.uk/ranking.html?satelliteId=2> Upload Ranking

FUNcube is a CubeSat built by ISIS, AMSAT-UK and AMSAT-NL. This Web site allows the public, the press and the amateur radio operators to obtain live information about the satellite.

<http://warehouse.funcube.org.uk/ranking.html?satelliteId=2> View on warehouse.funcube.org.uk

Preview by Yahoo

My first upload shows in green at the bottom of the list.

Equipment used is described on

AO-73 Satellite 20150104 1809UT
<http://www.stargazing.net/david/satellites/20150104_1809UT_AO-73.html>

<http://www.stargazing.net/david/satellites/20150104_1809UT_AO-73.html> image

<http://www.stargazing.net/david/satellites/20150104_1809UT_AO-73.html> AO-73 Satellite 20150104 1809UT

<<PREVIOUS - HOME - CONTENTS - NEXT>> SATELLITES INDEX - · FUNcube-1 AO-73 Satellite Date: 20150104 1809UT · Summary YouTub...

<http://www.stargazing.net/david/satellites/20150104_1809UT_AO-73.html> View on www.stargazing.net

Preview by Yahoo

Clear & Dark Skies without RFI
David Haworth, WA9ONY
Observational Astronomy <http://www.stargazing.net/david/>

<http://www.stargazing.net/david/> image

<http://www.stargazing.net/david/> Observational Astronomy

Observational Astronomy

<http://www.stargazing.net/david/> View on www.stargazing.net

Preview by Yahoo

9564. Re:: RE: [FUNcube] Different colors for count meaning?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-11 15:07:54 UTC
From: wouterweg@...
Topic: 9562 Message: 9564

Let me clarify that:

Upload within last week: green
Upload between last week and two weeks: orange
Longer than two weeks ago: lightgrey

I'll take a note to add the legend, it was forgotten!
Thanks,

Wouter PA3WEG

9565. Jan 15 London Talk + FUNcube-2 Update

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-11 20:55:47 UTC
From: M5AKA
Topic: 9565 Message: 9565

Jan 15 Talk – A Beginners Guide to Amateur Satellites
http://amsat-uk.org/2015/01/10/beginners-guide-to-satellites/

OGMS-SA CubeSat to provide FM transponder
http://amsat-uk.org/2015/01/11/ogms-sa-cubesat-to-provide-fm-transponder/

Shin’en2 spacecraft designated as Fuji Oscar 82
http://amsat-uk.org/2015/01/11/shin-en2-designated-fuji-oscar-82/

FUNcube-2 on UKube-1 – January 2015 Update
http://amsat-uk.org/2015/01/05/funcube-2-ukube-1-update/

Trevor M5AKA
AMSAT-UK
Website http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9566. Re: : RE: [FUNcube] Different colors for count meaning?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-11 21:42:55 UTC
From: David Haworth
Topic: 9562 Message: 9566

Thank you for the color coding description.

How often is the Upload Ranking web page list updated and is the list updated at the same time every day? If so when?

I am going though my saved satellite baseband IQ data (145.8 to 146.0 MHz) and I am processing FUNcube-1 and UKube-1 data.
So far my best pass had 32 frames captured.

Clear and dark skies without RFI,
David Haworth, WA9ONY
http://www.stargazing.net/david

> On Jan 11, 2015, at 7:07 AM, wouterweg@... [FUNcube] <FUNcube@...> wrote:
>
> Let me clarify that:
>
> Upload within last week: green
> Upload between last week and two weeks: orange
> Longer than two weeks ago: lightgrey
>
> I'll take a note to add the legend, it was forgotten!
> Thanks,
>
> Wouter PA3WEG
>
>

9567. Re:: new to fun cube needs help

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-15 18:31:30 UTC
From: danair007@...
Topic: 9558 Message: 9567

thank you for that am trying with my 2M antenna reciving just not gettig photos
many thanks
dan

9568. Funcube with a small pc tablet

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-16 11:43:22 UTC
From: g.bernardini@...
Topic: 9568 Message: 9568

Funcube Pro+ and others used with a small and cheap pc tablet
Giampiero

AIR - RADIORAMA: Prove di ascolto con il piccolo ed economico pc tablet HP stream 7
http://air-radiorama.blogspot.it/2015/01/prove-di-ascolto-con-il-piccolo-ed.html

http://air-radiorama.blogspot.it/2015/01/prove-di-ascolto-con-il-piccolo-ed.html

AIR - RADIORAMA: Prove di ascolto con il piccolo ed eco...
http://air-radiorama.blogspot.it/2015/01/prove-di-ascolto-con-il-piccolo-ed.html Ho acquistato in offerta a soli 99 euro dalla Microsoft il molto piccolo Pc tablet HP Stream 7 Signature edition. Un touch screen da 7 pollici equipaggiato con pro...

Ver en air-radiorama.blogspot.it
http://air-radiorama.blogspot.it/2015/01/prove-di-ascolto-con-il-piccolo-ed.html
Vista previa de Yahoo

Giampiero Bernardini

Milano, Italy

9569. Re: [FUNcube] Funcube with a small pc tablet

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-16 16:41:10 UTC
From: David J Taylor
Topic: 9568 Message: 9569

Funcube Pro+ and others used with a small and cheap pc tablet

[]
Giampiero Bernardini
Milano, Italy
==========

Yes! See also:

https://twitter.com/gm8arv/status/550044235660275713

Ciao,
David
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...

9570. Spurious Hash

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-16 16:45:54 UTC
From: sdupuie@...
Topic: 9570 Message: 9570

In addition to the usual DC issues, I am seeing spurious noise in the output of my FUNcube Pro+ dongle at about +/-65KHz and +/-88KHz from the center frequency. They are not tones, more like noise, about 3KHz wide. Mode and frequency do not matter and I can short the input to ground and it is still there. Is this common to all FUNcubes or is it some noise problem unique to my setup? Thanks.

9571. AW: [FUNcube] Spurious Hash

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-16 20:08:03 UTC
From: siegfried jackstien
Topic: 9570 Message: 9571

It is a common thingy with the fcdpp and when you crank up the gain a bit it is masked out

So no defective fcdpp or noise from your setup ... or in other words that is normal behaviour

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
> Gesendet: Freitag, 16. Januar 2015 16:46
> An: FUNcube@yahoogroups.co.uk
> Betreff: [FUNcube] Spurious Hash
>
>
>
> In addition to the usual DC issues, I am seeing spurious noise in the
> output of my FUNcube Pro+ dongle at about +/-65KHz and +/-88KHz from the
> center frequency. They are not tones, more like noise, about 3KHz wide.
> Mode and frequency do not matter and I can short the input to ground and
> it is still there. Is this common to all FUNcubes or is it some noise
> problem unique to my setup? Thanks.
>
>

9572. AESP-14 CubeSat on ISS awaiting deployment

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-17 20:21:35 UTC
From: M5AKA
Topic: 9572 Message: 9572

AESP-14 CubeSat on ISS awaiting deployment
http://amsat-uk.org/2015/01/17/aesp-14-cubesat-on-iss-awaiting-deployment/

UK Space Industry in Guardian Newspaper
http://amsat-uk.org/2015/01/14/uk-space-industry-in-guardian/

Video of FUNcube-1 demonstration at IARU-Region 1 conference
http://amsat-uk.org/2015/01/14/video-funcube-1-demo/

UK’s Sarah Brightman starts space flight training January 15
http://amsat-uk.org/2015/01/13/uks-sarah-brightman-starts-space-flight-training-january-15/

Trevor M5AKA
AMSAT-UK
Website http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9573. Ukube 1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-26 10:18:09 UTC
From: David Pykett
Topic: 9573 Message: 9573

Hi

I'm new to Funcube so my question may be known by everyone apart from me, but I can't pick up a signal from Ukube1 both yesterday and the 9.12 pass this morning, is it turned off? Funcube 1 is OK

73

Dave G0IIQ

9574. Funcube2

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-26 11:37:12 UTC
From: David Pykett
Topic: 9574 Message: 9574

Hi All

I'm new to receiving the Funcubes but whilst I am receiving Funcube 1 OK I haven't received anything either yesterday or today from Funcube2 (Ukube1), is it turned off?

73

Dave G0IIQ

9575. Re: [FUNcube] Funcube2

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-26 12:32:00 UTC
From: Abdel Mesbah
Topic: 9574 Message: 9575
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Dave

I think so sometimes the transponder is off, as I do monitor Telemetry on both Funcube 1 & 2

Welcome to the world of Satellites as I am new too great fun

Regards
Abdel
M0NPT

From: mailto:FUNcube@yahoogroups.co.uk
Sent: Monday, January 26, 2015 11:37 AM
To: funcube@...
Subject: [FUNcube] Funcube2

Hi All

I’m new to receiving the Funcubes but whilst I am receiving Funcube 1 OK I haven’t received anything either yesterday or today from Funcube2 (Ukube1), is it turned off?

73

Dave G0IIQ

9576. RE: [FUNcube] Funcube2

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-26 14:09:19 UTC
From: David Pykett
Topic: 9574 Message: 9576
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Abdel

Thanks for the info, let’s hope its back on soon.

73

Dave G0IIQ

Hi Dave

I think so sometimes the transponder is off, as I do monitor Telemetry on both Funcube 1 & 2

Welcome to the world of Satellites as I am new too Smilegreat fun

Regards

Abdel

M0NPT

.

<http://geo.yahoo.com/serv?s=97490505/grpId=71058308/grpspId=1690063108/msgId=9575/stime=1422281151>
<http://y.analytics.yahoo.com/fpc.pl?ywarid=515FB27823A7407E&a=10001310322279&js=no&resp=img>

9577. Re: [FUNcube] Ukube 1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-26 17:27:13 UTC
From: David Johnson
Topic: 9573 Message: 9577

Fc2 in under the control of the uk space agency and it is there commisioning work that takes priority. We have little knowledge of there schedule.

The cw beacon should be active most of the time (allowing for resets)

73

Dave G4DPZ
FUNcube Team Member

Dav
On 26 Jan 2015 12:21, "'David Pykett' david.pykett@... [FUNcube]" <FUNcube@...> wrote:

>
>
> Hi
>
>
>
> I’m new to Funcube so my question may be known by everyone apart from me,
> but I can’t pick up a signal from Ukube1 both yesterday and the 9.12 pass
> this morning, is it turned off? Funcube 1 is OK
>
>
>
> 73
>
> Dave G0IIQ
>
>

9578. Re: [FUNcube] Ukube 1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-26 17:32:33 UTC
From: Bill
Topic: 9573 Message: 9578

Hi David,

Do you have any idea about the plans for the 2401 MHz downlink?

Regards...Bill - N6GHz

On 1/26/2015 9:27 AM, David Johnson dave@... [FUNcube] wrote:
>
> Fc2 in under the control of the uk space agency and it is there
> commisioning work that takes priority. We have little knowledge of
> there schedule.
>
> The cw beacon should be active most of the time (allowing for resets)
>
> 73
>
> Dave G4DPZ
> FUNcube Team Member
>
> Dav
>
> On 26 Jan 2015 12:21, "'David Pykett' david.pykett@...
> <mailto:david.pykett@...> [FUNcube]"
> <FUNcube@... <mailto:FUNcube@...>> wrote:
>
> Hi
>
> I’m new to Funcube so my question may be known by everyone apart
> from me, but I can’t pick up a signal from Ukube1 both yesterday
> and the 9.12 pass this morning, is it turned off? Funcube 1 is OK
>
> 73
>
> Dave G0IIQ
>
>

9579. Re: [FUNcube] Ukube 1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-26 17:37:27 UTC
From: David Johnson
Topic: 9573 Message: 9579

Hi Bill

Sorry, I don't have any info on the s band stuff.

Dave
On 26 Jan 2015 17:32, "Bill bill@... [FUNcube]" <
FUNcube@....uk> wrote:

>
>
> Hi David,
>
> Do you have any idea about the plans for the 2401 MHz downlink?
>
> Regards...Bill - N6GHz
>
> On 1/26/2015 9:27 AM, David Johnson dave@... [FUNcube] wrote:
>
>
>
> Fc2 in under the control of the uk space agency and it is there
> commisioning work that takes priority. We have little knowledge of there
> schedule.
>
> The cw beacon should be active most of the time (allowing for resets)
>
> 73
>
> Dave G4DPZ
> FUNcube Team Member
>
> Dav
> On 26 Jan 2015 12:21, "'David Pykett' david.pykett@...
> [FUNcube]" <FUNcube@...> wrote:
>
>>
>>
>> Hi
>>
>>
>>
>> I’m new to Funcube so my question may be known by everyone apart from me,
>> but I can’t pick up a signal from Ukube1 both yesterday and the 9.12 pass
>> this morning, is it turned off? Funcube 1 is OK
>>
>>

>>
>> 73
>>
>> Dave G0IIQ
>>
>
>
>

9580. RE: [FUNcube] Ukube 1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-26 18:20:53 UTC
From: David Pykett
Topic: 9573 Message: 9580

Hi Dave / Lee

Thanks for the info, it would be nice to have a schedule of operation perhaps that’s something the UK Space agency might consider.

73

Dave G0IIQ

Fc2 in under the control of the uk space agency and it is there commisioning work that takes priority. We have little knowledge of there schedule.

The cw beacon should be active most of the time (allowing for resets)

73

Dave G4DPZ
FUNcube Team Member

Dav

.

<http://geo.yahoo.com/serv?s=97490505/grpId=71058308/grpspId=1690063108/msgId=9577/stime=1422293236>
<http://y.analytics.yahoo.com/fpc.pl?ywarid=515FB27823A7407E&a=10001310322279&js=no&resp=img>

9581. LightSail-1 + DESPATCH 3D Printed QSL Card

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-26 23:08:43 UTC
From: M5AKA
Topic: 9581 Message: 9581

Recent updates on the AMSAT-UK website:

ARTSAT2:DESPATCH 3D Printed QSL Card
http://amsat-uk.org/2015/01/26/despatch-3d-qsl-card/

LightSail-1 launch announced
http://amsat-uk.org/2015/01/26/lightsail-1-launch-announced/

3400 MHz and 10 GHz – ARRL’s comments on WRC-15
http://amsat-uk.org/2015/01/22/3400-mhz-and-10-ghz-arrl-wrc-15/

ED-SAT CubeSat Training Kit
http://amsat-uk.org/2015/01/22/ed-sat-cubesat-training-kit/

Radio ham interviewed on TV about Beagle 2
http://amsat-uk.org/2015/01/19/radio-ham-tv-interview-beagle-2/

UK's Sarah Brightman Discusses Upcoming Trip to Space
https://www.youtube.com/watch?v=uDt-9wByEbs

Trevor M5AKA
AMSAT-UK
Website http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9582. First UK recipient of 73 on 73 Award + CubeSat Launch Thursday

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-28 21:48:17 UTC
From: M5AKA
Topic: 9582 Message: 9582

AMSAT-UK congratulates Abdel Mesbah M0NPT on becoming the first UK recipient of the FUNcube-1 73 on 73 Award http://amsat-uk.org/2015/01/28/abdel-m0npt-73-on-73-award/

On Thursday January 29, 2015 1420:42-1423:42 UT the CubeSats EXOCube, CP10, FIREBIRD, GRIFEX should launch from the Vandenberg Air Force Base Space Launch Complex. Frequencies and Keps at
http://www.dk3wn.info/p/?p=54555

Also on the AMSAT-UK site:
Two solar-powered Southern Hemisphere balloons transmitting on HF
http://amsat-uk.org/2015/01/27/ham-radio-pico-balloons-keep-flying/

Trevor M5AKA
AMSAT-UK
Website http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9583. SSTV from ISS Jan31 aand Feb 1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-01-29 18:05:58 UTC
From: M5AKA
Topic: 9583 Message: 9583

Slow Scan TV (SSTV) from the International Space Station (ISS) on 145.800 MHz FM this weekend

http://amsat-uk.org/2015/01/29/iss-sstv-this-weekend/

----Trevor M5AKAAMSAT-UKWebsite http://amsat-uk.org/Facebook https://www.facebook.com/amsatukTwitter https://twitter.com/AMSAT_UK----

9584. Re:: RE: [FUNcube] Ukube 1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-02 12:03:19 UTC
From: g4bbh@...
Topic: 9573 Message: 9584

It is now about a week since I received any TLM from UKUBE-1/FC2. It is a real pain as I run two instances of Dashboard and the AZ-ELE rotator has to track both cubesats. Although my system should run automatically it does need supervision to squeeze every last block of data, particularly as the AZ/ELE rotator and aerial are in the attic and I am 100M below the surrounding chalk hills. This also means careful selection of satellite when the footprints overlap. Result is hours spent receivng nothing. It woul be nice if their PR guys could let out a little more schedule detail - assuming we can understand Glaswagian.....
Dick G4BBH

9585. Re:: RE: [FUNcube] Ukube 1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-03 09:46:48 UTC
From: Mark Sims
Topic: 9573 Message: 9585

Same for me, Funcube1 ok but nothing being heard from 2. It was always a weaker signal but it is as if it is even weaker now.

Mark, 2E0MSI
On 2 Feb 2015 12:03, "g4bbh@... [FUNcube]" <
FUNcube@...> wrote:

>
>
> It is now about a week since I received any TLM from UKUBE-1/FC2. It is a
> real pain as I run two instances of Dashboard and the AZ-ELE rotator has to
> track both cubesats. Although my system should run automatically it does
> need supervision to squeeze every last block of data, particularly as the
> AZ/ELE rotator and aerial are in the attic and I am 100M below the
> surrounding chalk hills. This also means careful selection of satellite
> when the footprints overlap. Result is hours spent receivng nothing. It
> woul be nice if their PR guys could let out a little more schedule detail -
> assuming we can understand Glaswagian.....
> Dick G4BBH
>
>

9586. Re: : RE: [FUNcube] Ukube 1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-03 15:04:50 UTC
From: Paul Stoetzer
Topic: 9573 Message: 9586

It hasn't been on since the 31st. Last heard at 15:50Z that day while over
the United States.

http://warehouse.funcube.org.uk/realtimefc2.html;jsessionid=CFD60F2A5E8E6CCDB3BAD822C8A6A401?satelliteId=1#tabs-eps

73,

Paul, N8HM

On Tue, Feb 3, 2015 at 4:46 AM, Mark Sims 2e0msi@... [FUNcube] <
FUNcube@...> wrote:

>
>
> Same for me, Funcube1 ok but nothing being heard from 2. It was always a
> weaker signal but it is as if it is even weaker now.
>
> Mark, 2E0MSI
> On 2 Feb 2015 12:03, "g4bbh@btinternet.com [FUNcube]" <
> FUNcube@...> wrote:
>
>>
>>
>> It is now about a week since I received any TLM from UKUBE-1/FC2. It is
>> a real pain as I run two instances of Dashboard and the AZ-ELE rotator has
>> to track both cubesats. Although my system should run automatically it
>> does need supervision to squeeze every last block of data, particularly as
>> the AZ/ELE rotator and aerial are in the attic and I am 100M below the
>> surrounding chalk hills. This also means careful selection of satellite
>> when the footprints overlap. Result is hours spent receivng nothing. It
>> woul be nice if their PR guys could let out a little more schedule detail -
>> assuming we can understand Glaswagian.....
>> Dick G4BBH
>>
>
>

9587. (no subject)

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-03 15:18:08 UTC
From: audenaert.johan
Topic: 9587 Message: 9587
Attachments: 3 described; binary payloads are missing from this source WARC

I'm in search for a GRC (GNU Radio Companion) simple receiver working with
the Funcube Pro Plus.
I've GRC version 3.7.4 which has a Funcube dongle Pro + source block.
This runs under Ubuntu 12.04 LTS.
I've no knowledge about C++ nor about Python.
Thanks.

9588. Re: : RE: [FUNcube] Ukube 1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-03 17:18:42 UTC
From: Abdel Mesbah
Topic: 9573 Message: 9588

The last I have read the control is handed over to the UKSA once the transponder was tested by AMSAT around Christmas holiday period. I have few days to track the tlm same thing :)

--- Original Message ---

From: "Paul Stoetzer N8HM@... [FUNcube]" <FUNcube@...>
Sent: 3 February 2015 15:04
To: FUNcube@...
Subject: Re: : RE: [FUNcube] Ukube 1

It hasn't been on since the 31st. Last heard at 15:50Z that day while over
the United States.

http://warehouse.funcube.org.uk/realtimefc2.html;jsessionid=CFD60F2A5E8E6CCDB3BAD822C8A6A401?satelliteId=1#tabs-eps

73,

Paul, N8HM

On Tue, Feb 3, 2015 at 4:46 AM, Mark Sims 2e0msi@... [FUNcube] <
FUNcube@...> wrote:

>
>
> Same for me, Funcube1 ok but nothing being heard from 2. It was always a
> weaker signal but it is as if it is even weaker now.
>
> Mark, 2E0MSI
> On 2 Feb 2015 12:03, "g4bbh@btinternet.com [FUNcube]" <
> FUNcube@...> wrote:
>
>>
>>
>> It is now about a week since I received any TLM from UKUBE-1/FC2. It is
>> a real pain as I run two instances of Dashboard and the AZ-ELE rotator has
>> to track both cubesats. Although my system should run automatically it
>> does need supervision to squeeze every last block of data, particularly as
>> the AZ/ELE rotator and aerial are in the attic and I am 100M below the
>> surrounding chalk hills. This also means careful selection of satellite
>> when the footprints overlap. Result is hours spent receivng nothing. It
>> woul be nice if their PR guys could let out a little more schedule detail -
>> assuming we can understand Glaswagian.....
>> Dick G4BBH
>>
>
>

9589. Re: [FUNcube] (unknown)

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-03 22:49:04 UTC
From: Robin Gape (FCD)
Topic: 9587 Message: 9589
Attachments: 2 described; binary payloads are missing from this source WARC

Johan,

replied to on the Funcube Pro group. Perhaps you are not aware that is considered *quite**rude* to cross post, since it wastes the time and effort of the people whom you are hoping will help you! Eric Raymond is always worth a read: http://www.catb.org/esr/faqs/smart-questions.html.

Cheers,

Robin, G8DQX

On 03/02/15 15:18, 'audenaert.johan' audenaert.johan@... [FUNcube] wrote:
>
> I'm in search for a GRC (GNU Radio Companion) simple receiver working
> with the Funcube Pro Plus.
> I've GRC version 3.7.4 which has a Funcube dongle Pro + source block.
> This runs under Ubuntu 12.04 LTS.
> I've no knowledge about C++ nor about Python.
> Thanks.
>
> <http://www.incredimail.com/?id=621163&did=10501&ppd=2842,201206281824,19,1,202993910188
1663487&rui=157031808&app_test_id=0&sd=20150203>
>
>
> GRATIS animaties voor je e-mail
> <http://www.incredimail.com/?id=621163&did=10501&ppd=2842,201206281824,19,1,202993910188
1663487&rui=157031808&app_test_id=0&sd=20150203>
>
>
> <http://www.incredimail.com/?id=621163&did=10501&ppd=2842,201206281824,19,1,202993910188
1663487&rui=157031808&app_test_id=0&sd=20150203>
>
>
> <http://www.incredimail.com/?id=621163&did=10501&ppd=2842,201206281824,19,1,202993910188
1663487&rui=157031808&app_test_id=0&sd=20150203>
>
> <http://www.incredimail.com/?id=621163&did=10501&ppd=2842,201206281824,19,1,202993910188
1663487&rui=157031808&app_test_id=0&sd=20150203>
> <http://www.incredimail.com/?id=621163&did=10501&ppd=2842,201206281824,19,1,202993910188
1663487&rui=157031808&app_test_id=0&sd=20150203>
> Klik hier!
> <http://www.incredimail.com/?id=621163&did=10501&ppd=2842,201206281824,19,1,202993910188
1663487&rui=157031808&app_test_id=0&sd=20150203>
> <http://www.incredimail.com/?id=621163&did=10501&ppd=2842,201206281824,19,1,202993910188

1663487&rui=157031808&app_test_id=0&sd=20150203>
> <http://www.incredimail.com/?id=621163&did=10501&ppd=2842,201206281824,19,1,202993910188
1663487&rui=157031808&app_test_id=0&sd=20150203>
>
> <http://www.incredimail.com/?id=621163&did=10501&ppd=2842,201206281824,19,1,202993910188
1663487&rui=157031808&app_test_id=0&sd=20150203>
>
>
> <http://www.incredimail.com/?id=621163&did=10501&ppd=2842,201206281824,19,1,202993910188
1663487&rui=157031808&app_test_id=0&sd=20150203>
>
>
> <http://www.incredimail.com/?id=621163&did=10501&ppd=2842,201206281824,19,1,202993910188
1663487&rui=157031808&app_test_id=0&sd=20150203>
>
>
>
>

9590. AESP-14 Deploys Today + Press story on dongle ISS reception

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-05 08:48:11 UTC
From: M5AKA
Topic: 9590 Message: 9590

AESP-14 CubeSat deployment from ISS today
http://amsat-uk.org/2015/01/17/aesp-14-cubesat-on-iss-awaiting-deployment/

ISS ham radio SSTV reception by dongle in UK press
http://amsat-uk.org/2015/02/04/iss-sstv-in-uk-press/

Iran’s Fajr Satellite - Use of Amateur Radio Bands
http://amsat-uk.org/2015/02/03/iran-fajr-sat-on-ham-band/

UWE-3: Preliminary continuation of operations
http://amsat-uk.org/2015/02/02/uwe-3-preliminary-continuation/

Trevor M5AKA
AMSAT-UK
Website http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9591. AMSAT-UK Colloquium 2015 – Call For Speakers

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-06 13:28:08 UTC
From: dave@...
Topic: 9591 Message: 9591

This is the first call for speakers for the AMSAT-UK Colloquium 2015 which will be held from Saturday, July 25 to Sunday, July 26 2015 at the Holiday Inn, Guildford, GU2 7XZ, United Kingdom.

AMSAT-UK invites speakers, to cover topics about micro-satellites, CubeSats, Nanosats, space and associated activities, for this event.

They are also invited to submit papers for subsequent publishing on the AMSAT-UK web site. We normally prefer authors to present talks themselves rather than having someone else give them in the authors' absence. We also welcome "unpresented" papers for the web site.

Submissions should be sent *ONLY* to G4DPZ, via the following routes:
e-mail: dave at g4dpz dot me dot uk
Postal address at http://www.qrz.com/db/G4DPZ

AMSAT-UK also invite anyone with requests for Program Topics to submit them as soon as possible to G4DPZ. Invitations for any papers on specific subjects will be included in the future call. Likewise if anyone knows of a good speaker, please send contact and other information to G4DPZ.

9592. More ISS Slow Scan TV Activity on 145.800 MHz FM

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-14 17:57:27 UTC
From: M5AKA
Topic: 9592 Message: 9592

USA to Propose Additional Sharing Amateur and Amateur Satellite allocations in 9.9-10.5 GHz
http://amsat-uk.org/2015/02/14/usa-10-ghz-ham-radio/

Radio Astronomy and SDR Dongles
http://amsat-uk.org/2015/02/12/radio-astronomy-and-sdr-dongles/

Colloquium – First Call for Papers
http://amsat-uk.org/2015/02/06/colloquium-first-call-for-papers/

More ISS Slow Scan TV Activity
http://amsat-uk.org/2015/02/11/more-iss-slow-scan-tv/

Chipsat, SatNOGS, TRSI PocketQube and OzQube1 feature on HackaDay
http://hackaday.com/2015/02/13/hacklet-34-satellite-projects/

Speakers at Australian CubeSat event include Stuart McAndrew of OzQube1
http://www.acser.unsw.edu.au/events/cubesat2015.html

Trevor M5AKA
AMSAT-UK
Website http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9593. Testing RDS Data Logger plugin for SDRsharp. FM DXing

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-15 13:59:40 UTC
From: g.bernardini@...
Topic: 9593 Message: 9593

Ciao,
I tested the new plugin RDS Data Logger, by Andy M0CYP, for software SDRsharp.
I used AIRspy receiver but SDRsharps can control also FunCube Pro+.
Everything works well. So you can find a post of mine here:

AIR - RADIORAMA: FM DXing con RDS Data Logger, SDRsharp e AIRspy SDR receiver
http://air-radiorama.blogspot.it/2015/02/fm-dxing-con-rds-data-logger-sdrsharp-e.html

http://air-radiorama.blogspot.it/2015/02/fm-dxing-con-rds-data-logger-sdrsharp-e.html

AIR - RADIORAMA: FM DXing con RDS Data Logge...
http://air-radiorama.blogspot.it/2015/02/fm-dxing-con-rds-data-logger-sdrsharp-e.html
Giorno dopo giorno il software SDRsharp diventa sempre più valido. Non solo il suo creatore, Youssef, continua a svilupparlo, ma altri appassionati lo arricchiscono...

View on air-radiorama.blogspot.it
http://air-radiorama.blogspot.it/2015/02/fm-dxing-con-rds-data-logger-sdrsharp-e.html
Preview by Yahoo

Radio & Communication Info http://radiodxinfo.blogspot.it/

http://radiodxinfo.blogspot.it/

Radio & Communication Info http://radiodxinfo.blogspot.it/ Sunday RDS Data Logger & SDRsharp in azione con AIRspy. FM DXing Giorno dopo giorno il software SDRsharp diventa sempre più valido.

View on radiodxinfo.blogspot.it http://radiodxinfo.blogspot.it/
Preview by Yahoo

73
Giampiero

Giampiero Bernardini

Milan, Italy

9594. Re:: Testing RDS Data Logger plugin for SDRsharp. FM DXing

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-22 09:29:37 UTC
From: mishkasat@...
Topic: 9593 Message: 9594

Have you ever used the frequency scanner alongside the data logger?

9595. HDSDR vs SDR-Sharp

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-22 06:21:11 UTC
From: mishkasat@...
Topic: 9595 Message: 9595

Which of these two software's is easier to use for receiving Morse code data from over passing cube satellites.

Does Anyone use any of these software devices with the fun cube dongle and receives telemetric data and satellites?

9596. How do you decode morse code from cube satellites in SDR Sharp?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-22 09:30:07 UTC
From: mishkasat@...
Topic: 9596 Message: 9596

How do you decode morse code from cube satellites in SDR Sharp?

What plug in do you need?

Has anyone had experience with HDSDR software, with this software is better for more code decoding and would it be compatible with orbitron tracking plug ins?

9597. AW: [FUNcube] HDSDR vs SDR-Sharp

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-22 12:33:06 UTC
From: siegfried jackstien
Topic: 9595 Message: 9597

I prefer hdsdr ... but both soft do work fine with fcdpp

Hdsdr can be married with orbitron (trackingsoftware) via my dde ... and
then sat tracking is easy ... but the same can be done with sdrsharp, the
dde plugin for sdrsharp and wx track or orbitron ...

I find it easier to setup hdsdr (and as far as I can found out it does a bit
better job here compared with sdrsharp)

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@yahoogroups.co.uk [mailto:FUNcube@...]
> Gesendet: Sonntag, 22. Februar 2015 06:21
> An: FUNcube@...
> Betreff: [FUNcube] HDSDR vs SDR-Sharp
>
>
>
> Which of these two software's is easier to use for receiving Morse code
> data from over passing cube satellites.
>
>
>
>
> Does Anyone use any of these software devices with the fun cube dongle and
> receives telemetric data and satellites?
>
>

9598. Re: [FUNcube] HDSDR vs SDR-Sharp

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-22 16:31:05 UTC
From: Alberto I2PHD
Topic: 9595 Message: 9598

On 2/22/2015 7:21 AM, mishkasat@... [FUNcube] wrote:

> Which of these two software's is easier to use for receiving Morse code data from over passing cube satellites.

If you are willing to experiment with a not finished yet software, meant exclusively for the FCDPP,
you could try this one :

https://dl.dropboxusercontent.com/u/15089947/FunSDRplus.rar

Expand the RAR in a directory outside the sacred "Program Files", e.g. you could use C:\Ham\FunSDR
and that's all... no installation whatsoever is needed, no drivers, no registry modifications...

When you want to dispose of it, just delete that directory. Nothing is copied in the Windows directories,
nor written to the registry, so an uninstall program is not needed.

It has a special "CW Peak"function, with bandwidth selectable down to 10 - 20 Hz, to be used in
difficult cases of CW reception.

The program is still missing an User's Guide... but if you have problems, you can always ask.
And the Orbitron interfacing maybe still needs some refinements...

--
/*73 Alberto I2PHD*
Credo Ut Intelligam

/

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

9599. AW: [FUNcube] HDSDR vs SDR-Sharp

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-22 18:46:06 UTC
From: siegfried jackstien
Topic: 9595 Message: 9599

Hello alberto

Could you add the version numbers to the filename??

So "funsdrplus11.rar" or similar

(by the way ... did you make any changes?? What IS actual version??)

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Sonntag, 22. Februar 2015 16:31
> An: FUNcube@...
> Betreff: Re: [FUNcube] HDSDR vs SDR-Sharp
>
>
>
> On 2/22/2015 7:21 AM, mishkasat@... [FUNcube] wrote:
>
>
>
> Which of these two software's is easier to use for receiving Morse
> code data from over passing cube satellites.
>
>
> If you are willing to experiment with a not finished yet software, meant
> exclusively for the FCDPP,
> you could try this one :
>
> https://dl.dropboxusercontent.com/u/15089947/FunSDRplus.rar
>
> Expand the RAR in a directory outside the sacred "Program Files", e.g. you
> could use C:\Ham\FunSDR
> and that's all... no installation whatsoever is needed, no drivers, no
> registry modifications...
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> When you want to dispose of it, just delete that directory. Nothing is
> copied in the Windows directories,
> nor written to the registry, so an uninstall program is not needed.
>
> It has a special "CW Peak"function, with bandwidth selectable down to 10 -
> 20 Hz, to be used in
> difficult cases of CW reception.

>
> The program is still missing an User's Guide... but if you have problems,
> you can always ask.
> And the Orbitron interfacing maybe still needs some refinements...
>
>
>
> --
> 73 Alberto I2PHD
> Credo Ut Intelligam
>
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>
>
> ---------------------------------
>
> <http://www.avast.com/> This email has been checked for viruses by
> Avast antivirus software.
> www.avast.com <http://www.avast.com/>
>
>
>

9600. Re: [FUNcube] HDSDR vs SDR-Sharp

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-22 21:36:32 UTC
From: Alberto I2PHD
Topic: 9595 Message: 9600

On 2/22/2015 7:46 PM, 'siegfried jackstien' siegfried.jackstien@... [FUNcube] wrote:

> /Hello alberto
>
> Could you add the version numbers to the filename??
>
> So "funsdrplus11.rar" or similar
>
> (by the way ... did you make any changes?? What IS actual version??)
> /

Hello Sigi,

good suggestion, with the next revision I will do it.

The current version is this (from the About screen) :

https://dl.dropboxusercontent.com/u/15089947/funsdr_ver.gif

As you can see, it dates back to November 2014... unfortunately I don't have much time to work on it, but it progresses, albeit quite slowly...

--
/*73 Alberto I2PHD*
Credo Ut Intelligam

/

9601. Re:: bootloader problem: follow-up with screen data

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-22 23:59:43 UTC
From: vk2jds@...
Topic: 8238 Message: 9601

i have this fault right now with my fcd pro. still hunting for a fix for this problem.
is there any update on how to rectify it please?
Dave vk2jds

9602. Re: [FUNcube] Re:: bootloader problem: follow-up with screen data

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-23 08:48:15 UTC
From: Alan
Topic: 8238 Message: 9602

Original Message -----
Subject: [FUNcube] Re:: bootloader problem: follow-up with screen data

>i have this fault right now with my fcd pro. still hunting for a fix for this problem.
> is there any update on how to rectify it please?

Dave

What problem?

73 Alan G4ZFQ

9603. Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-23 17:11:42 UTC
From: jomacot@...
Topic: 9603 Message: 9603

Thanks to the help on my installation problems I now have the software installed and the Funcube works..err..sort of??

I get a display which at first looks like an incoming signal, main lobe and two side lobes but it does not appear to be a genuine signal. It is the same display no matter where the tuning is set to. The sound is just a sort of rhythmic humming, like an electric motor (describing sounds is difficult) However, the sound varies depending on which mode of modulation I select.
Any thoughts?

9604. Re: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-23 18:50:22 UTC
From: Alan
Topic: 9603 Message: 9604

Original Message -----
Subject: [FUNcube] Display

> Thanks to the help on my installation problems I now have the software installed and the Funcube works..err..sort of??
> I get a display which at first looks like an incoming signal, main lobe and two side lobes but it does not appear to be a genuine
> signal. It is the same display no matter where the tuning is set to. The sound is just a sort of rhythmic humming, like an
> electric motor (describing sounds is difficult) However, the sound varies depending on which mode of modulation I select.

What software?
What OS?
Have you selected the FCD in the software and maybe in audio devices?

73 Alan G4ZFQ

9605. AW: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-23 19:27:48 UTC
From: siegfried jackstien
Topic: 9603 Message: 9605

What software do you use??

In hdsdr or in sdrsharp you have to select the fcdpp as the radio ... but you also HAVE TO SELECT THE FCDPP AS SOUNDCARD INPUT!!!

Maybe your soft is still set to internal soundcard instead of using the fcdpp (that would explain why there is no change in sound when you change tuning)

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Montag, 23. Februar 2015 17:12
> An: FUNcube@...
> Betreff: [FUNcube] Display
>
>
>
> Thanks to the help on my installation problems I now have the software
> installed and the Funcube works..err..sort of??
>
>
>
>
> I get a display which at first looks like an incoming signal, main lobe
> and two side lobes but it does not appear to be a genuine signal. It is
> the same display no matter where the tuning is set to. The sound is just a
> sort of rhythmic humming, like an electric motor (describing sounds is
> difficult) However, the sound varies depending on which mode of
> modulation I select.
>
> Any thoughts?
>
>

9606. Re: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-24 12:36:11 UTC
From: jose maria trueba
Topic: 9603 Message: 9606

looks like you have your soundcard selected instead of funcube radio.
same thing has happened to me several ocassions and i imagine that to
many more users
too. just look for and select funcube.

2015-02-23 18:11 GMT+01:00, jomacot@... [FUNcube]
<FUNcube@...>:
> Thanks to the help on my installation problems I now have the software
> installed and the Funcube works..err..sort of??
>
>
> I get a display which at first looks like an incoming signal, main lobe and
> two side lobes but it does not appear to be a genuine signal. It is the same
> display no matter where the tuning is set to. The sound is just a sort of
> rhythmic humming, like an electric motor (describing sounds is difficult)
> However, the sound varies depending on which mode of modulation I select.
> Any thoughts?
>

9607. ISS SSTV in a Brazilian School

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-24 20:24:55 UTC
From: M5AKA
Topic: 9607 Message: 9607

ISS SSTV in a Brazilian
Schoolhttp://amsat-uk.org/2015/02/24/iss-sstv-in-a-brazilian-school/
Sarah Brightman to hold London press conference March 10 about her space mission planned for September 1 https://www.facebook.com/amsatuk/posts/844325928943791
Space Station SSTV and Packet Radio via SUWS WebSDR
http://amsat-uk.org/2015/02/24/iss-sstv-and-packet-websdr/
IARU-R1 VHF-UHF-uW Newsletter
Releasedhttp://amsat-uk.org/2015/02/22/iaru-r1-vhf-newsletter/
Amateur Satellite Tutorial
Videoshttp://amsat-uk.org/2015/02/22/amateur-satellite-tutorial-videos/
SatNOGS give $196,418 prize money to Libre Space
Foundationhttp://amsat-uk.org/2015/02/19/satnogs-prize-money-lsf/
TV Advert Features Ham Radio and ISShttp://amsat-uk.org/2015/02/16/advert-ham-radio-iss/
Women, STEM and Amateur Radiohttp://amsat-uk.org/2015/02/15/women-and-ham-radio/

----Trevor M5AKAAMSAT-UKWebsite http://amsat-uk.org/Facebook
https://www.facebook.com/amsatukTwitter https://twitter.com/AMSAT_UK----

9608. Re:: Re: [FUNcube] Re:: bootloader problem: follow-up with screen data

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-25 00:01:29 UTC
From: vk2jds@...
Topic: 8238 Message: 9608

Hi Alan, the fault i have is the same problem as the op in the thread has, the funcube was working fine, next day its stuck in bootloader mode and reflashing and 'reset to app' wont fix it.
Howard suggested a reflow of the tuner chip which i have done, but it didnt fix it.
might be time for a new one i think...
73 Dave

9609. Re: Re:: Re: [FUNcube] Re:: bootloader problem: follow-up with screen data

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-25 07:48:36 UTC
From: Alan
Topic: 8238 Message: 9609

Original Message -----
Subject: Re:: Re: [FUNcube] Re:: bootloader problem: follow-up with screen data

> the fault i have is the same problem as the op in the thread has, the funcube was working fine, next day its stuck in bootloader
> mode and reflashing and 'reset to app' wont fix it.
> Howard suggested a reflow of the tuner chip which i have done, but it didnt fix it.
> might be time for a new one i think...

Dave,

Has Howard offered to look at it?

I guess you are a web interface user.
Unless the poster includes some previous content an email reader has no idea of the context of a remark unless he takes the trouble
to go to the web.
As a member of many groups that is a right pain:)

73 Alan G4ZFQ

9610. RE: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-25 14:37:03 UTC
From: John Martin
Topic: 9603 Message: 9610

Hi Alan,

I’m running SDR# v1.0.0.1332 on Windows 7.

The dongle (it’s a FunCubeDongle Pro+) is selected as the source and Audio selection Input is MME Windows Sound mapper.

For info, in the dropdown for the Audio Input selection there 4 entries 2 x MME and 2 x Widows Direct Sound, none of which make the slightest difference.

Puzzled?

J

From: FUNcube@... [mailto:FUNcube@...]
Sent: 23 February 2015 18:50
To: FUNcube@...
Subject: Re: [FUNcube] Display

Original Message -----
Subject: [FUNcube] Display

> Thanks to the help on my installation problems I now have the software installed and the Funcube works..err..sort of??
> I get a display which at first looks like an incoming signal, main lobe and two side lobes but it does not appear to be a genuine
> signal. It is the same display no matter where the tuning is set to. The sound is just a sort of rhythmic humming, like an
> electric motor (describing sounds is difficult) However, the sound varies depending on which mode of modulation I select.

What software?
What OS?
Have you selected the FCD in the software and maybe in audio devices?

73 Alan G4ZFQ

9611. Re: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-25 15:00:11 UTC
From: Alan
Topic: 9603 Message: 9611

Original Message -----
Subject: RE: [FUNcube] Display

>I’m running SDR# v1.0.0.1332 on Windows 7.
The dongle (it’s a FunCubeDongle Pro+) is selected as the source and Audio selection Input is MME Windows Sound mapper.
For info, in the dropdown for the Audio Input selection there 4 entries 2 x MME and 2 x Widows Direct Sound, none of which make the
slightest difference.

The only thing I can think of is that you have something like "Stereo Mix" enabled in the sound settings. Or another input enabled.
It can give this sort of effect with soundcards, I'm not sure about the FCD, but it is one...

It's not a USB3 machine? (Although that usually gives an error message.)

73 Alan G4ZFQ

9612. RE: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-25 20:51:34 UTC
From: John Martin
Topic: 9603 Message: 9612

Hi Alan,

I’m beginning to wonder if it’s a problem with the laptop.

I’ll try running FLDIGI again to see if that still produces audio on incoming signals, however so far I’ve not managed to get it to TX into my FT897, maybe I’ve set something .

Regards,

John.

From: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
Sent: 25 February 2015 15:00
To: FUNcube@...
Subject: Re: [FUNcube] Display

Original Message -----
Subject: RE: [FUNcube] Display

>I’m running SDR# v1.0.0.1332 on Windows 7.
The dongle (it’s a FunCubeDongle Pro+) is selected as the source and Audio selection Input is MME Windows Sound mapper.
For info, in the dropdown for the Audio Input selection there 4 entries 2 x MME and 2 x Widows Direct Sound, none of which make the
slightest difference.

The only thing I can think of is that you have something like "Stereo Mix" enabled in the sound settings. Or another input enabled.
It can give this sort of effect with soundcards, I'm not sure about the FCD, but it is one...

It's not a USB3 machine? (Although that usually gives an error message.)

73 Alan G4ZFQ

9613. RE: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-26 15:50:51 UTC
From: John Martin
Topic: 9603 Message: 9613

Hi Sigi,

I□ve selected the FCDD in the Radio menu.

I assume you mean the Audio menu when you refer to the Soundcard Input, if so I can□t do that as that option is not available, all I can see are the Microsoft Options, 2 x MME plus 2 x Windows Direct Sound.

73□s

John.

From: FUNcube@... [mailto:FUNcube@...]
Sent: 23 February 2015 19:28
To: FUNcube@...
Subject: AW: [FUNcube] Display

What software do you use??

In hdsdr or in sdrsharp you have to select the fcdpp as the radio ... but you also HAVE TO SELECT THE FCDPP AS SOUNDCARD INPUT!!!

Maybe your soft is still set to internal soundcard instead of using the fcdpp (that would explain why there is no change in sound when you change tuning)

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Montag, 23. Februar 2015 17:12
> An: FUNcube@...
> Betreff: [FUNcube] Display
>
>
>
> Thanks to the help on my installation problems I now have the software
> installed and the Funcube works..err..sort of??
>
>
>
>
> I get a display which at first looks like an incoming signal, main lobe
> and two side lobes but it does not appear to be a genuine signal. It is
> the same display no matter where the tuning is set to. The sound is just a

> sort of rhythmic humming, like an electric motor (describing sounds is
> difficult) However, the sound varies depending on which mode of
> modulation I select.
>
> Any thoughts?
>
>

9614. Re: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-26 16:11:08 UTC
From: Alan
Topic: 9603 Message: 9614

Original Message -----
Subject: RE: [FUNcube] Display

>I assume you mean the Audio menu when you refer to the Soundcard Input,

John,

In Windows sound properties.

73 Alan G4ZFQ

if
so I can't do that as that option is not available, all I can see are the
Microsoft Options, 2 x MME plus 2 x Windows Direct Sound.

9615. RE: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-26 16:14:31 UTC
From: John Martin
Topic: 9603 Message: 9615

Sorry my mistake. I should have said I have selected FCDD as the Source.

JM.

From: FUNcube@... [mailto:FUNcube@...]
Sent: 23 February 2015 19:28
To: FUNcube@...
Subject: AW: [FUNcube] Display

What software do you use??

In hdsdr or in sdrsharp you have to select the fcdpp as the radio ... but
you also HAVE TO SELECT THE FCDPP AS SOUNDCARD INPUT!!!

Maybe your soft is still set to internal soundcard instead of using the
fcdpp (that would explain why there is no change in sound when you change
tuning)

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
> Gesendet: Montag, 23. Februar 2015 17:12
> An: FUNcube@yahoogroups.co.uk
> Betreff: [FUNcube] Display
>
>
>
> Thanks to the help on my installation problems I now have the software
> installed and the Funcube works..err..sort of??
>
>
>
>
> I get a display which at first looks like an incoming signal, main lobe
> and two side lobes but it does not appear to be a genuine signal. It is
> the same display no matter where the tuning is set to. The sound is just a
> sort of rhythmic humming, like an electric motor (describing sounds is
> difficult) However, the sound varies depending on which mode of
> modulation I select.
>
> Any thoughts?
>
>

9616. Re: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-26 16:27:56 UTC
From: jose maria trueba
Topic: 9603 Message: 9616

I don't think is a computer's problem, but some common mistake that
happened to me before, and many more people too I'm sure.
What you see looks like what your bulit-in mcrophone is picking up and
speakers are sending out. Just go ahead and select Funcube. Maybe is
something else, but it looks to me a simple issue.
As I told you before "looks like you have your soundcard selected instead
of funcube radio.
same thing has happened to me several ocassions and i imagine that to many
more users
too. just look for and select funcube."

2015-02-25 15:37 GMT+01:00 'John Martin' jomacot@... [FUNcube] <
FUNcube@...>:

>
>
> Hi Alan,
>
>
>
> I'm running SDR# v1.0.0.1332 on Windows 7.
>
>
>
> The dongle (it's a FunCubeDongle Pro+) is selected as the source and
> Audio selection Input is MME Windows Sound mapper.
>
> For info, in the dropdown for the Audio Input selection there 4 entries 2
> x MME and 2 x Widows Direct Sound, none of which make the slightest
> difference.
>
>
>
> Puzzled?
>
>
>
> J
>
>
>
> *From:* FUNcube@... [mailto:FUNcube@...]
> *Sent:* 23 February 2015 18:50
> *To:* FUNcube@...
> *Subject:* Re: [FUNcube] Display

>
>
>
>
>
>
> Original Message -----
> Subject: [FUNcube] Display
>
> > Thanks to the help on my installation problems I now have the software
> installed and the Funcube works..err..sort of??
> > I get a display which at first looks like an incoming signal, main lobe
> and two side lobes but it does not appear to be a genuine
> > signal. It is the same display no matter where the tuning is set to. The
> sound is just a sort of rhythmic humming, like an
> > electric motor (describing sounds is difficult) However, the sound
> varies depending on which mode of modulation I select.
>
> What software?
> What OS?
> Have you selected the FCD in the software and maybe in audio devices?
>
> 73 Alan G4ZFQ
>
>
>

9617. Re: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-26 18:04:41 UTC
From: Alberto I2PHD
Topic: 9603 Message: 9617

https://dl.dropboxusercontent.com/u/15089947/sdr%231.gif

https://dl.dropboxusercontent.com/u/15089947/sdr%232.gif

73 Alberto I2PHD

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

9618. AW: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-26 22:53:25 UTC
From: siegfried jackstien
Topic: 9603 Message: 9618

As usual ... a picture says more then a thousand words :-)

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Donnerstag, 26. Februar 2015 18:05
> An: FUNcube@...
> Betreff: Re: [FUNcube] Display
>
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>
> https://dl.dropboxusercontent.com/u/15089947/sdr%231.gif<https://dl.dropbo
> xusercontent.com/u/15089947/sdr%231.gif>
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> https://dl.dropboxusercontent.com/u/15089947/sdr%232.gif<https://dl.dropbo
> xusercontent.com/u/15089947/sdr%232.gif>
>
> 73 Alberto I2PHD
>
>
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> _____
>
> <http://www.avast.com/> This email has been checked for viruses by
> Avast antivirus software.
> www.avast.com <http://www.avast.com/>
>
>
>

9619. Re: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-27 07:32:01 UTC
From: Alan
Topic: 9603 Message: 9619

Original Message -----
Subject: AW: [FUNcube] Display

>a picture says more then a thousand words :-)

I think John's words indicate that he has got that far.

I do not have a picture because I do not have a recent version of Windows.
But it has been reported that depending on the Windows version sometimes the |FCD might need to be selected as a recording device in
Sound Properties.

73 Alan G4ZFQ

9620. RE: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-27 14:21:25 UTC
From: John Martin
Topic: 9603 Message: 9620
Attachments: 4 described; binary payloads are missing from this source WARC

Hi Sigi & Alan,

I☐ll captured a screenshot but I doubt it will tell you any more than I have said but you may see something that I missed.

As you can see the FCD Pro+ is selected as the source but the signal displayed is not an off air incoming signal as far as I can tell.

The shape and sound of the ☐signal☐ changes shape and amplitude according to the modulation I select and the sound is sometimes a sort of pulsed white noise and with some modulations the signal decreases in amplitude over about 5 seconds from selecting that modulation. Tuning up and down the band has no effect.

Regards,

John.

From: FUNcube@... [mailto:FUNcube@...]
Sent: 26 February 2015 22:53
To: FUNcube@yahoogroups.co.uk
Subject: AW: [FUNcube] Display

As usual ... a picture says more then a thousand words :-)

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
> Gesendet: Donnerstag, 26. Februar 2015 18:05
> An: FUNcube@yahoogroups.co.uk
> Betreff: Re: [FUNcube] Display
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>
> https://dl.dropboxusercontent.com/u/15089947/sdr%231.gif
<https://dl.dropboxusercontent.com/u/15089947/sdr%231.gif%3chttps:/dl.dropbo
> <https://dl.dropbo
> xusercontent.com/u/15089947/sdr%231.gif>
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> https://dl.dropboxusercontent.com/u/15089947/sdr%232.gif

<https://dl.dropboxusercontent.com/u/15089947/sdr%232.gif%3chttps:/dl.dropbo
> <https://dl.dropbo
> xusercontent.com/u/15089947/sdr%232.gif>
>
> 73 Alberto I2PHD
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>
> <http://www.avast.com/> This email has been checked for viruses by
> Avast antivirus software.
> www.avast.com <http://www.avast.com/>
>
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>

9621. Re: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-27 15:14:48 UTC
From: Alan
Topic: 9603 Message: 9621

Original Message -----
Subject: RE: [FUNcube] Display

>As you can see the FCD Pro+ is selected as the source but the signal
displayed is not an off air incoming signal as far as I can tell.

John

You need to dig into Windows sound settings.
I keep saying it looks as if there is something not correct there.
It is not the FCD you are seeing.
Just pull it out does it make any difference? (Assuming SDR# does not crash).

73 Alan G4ZFQ

9622. RE: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-27 16:35:14 UTC
From: John Martin
Topic: 9603 Message: 9622

Yeah you are right, it makes no difference at all, I can still see the "signal" and swapping to another USB port also makes no difference either although I never tried reinstalling SDR# with the dongle in another port.

I've checked all the sound settings and the only thing I can change is the Recording setting in Control Panel/Sound and then the only thing that works is the one I'm on which is Sterio Mix, the other are both Mics Internal and External which don't do anything at all.

Device Manager is showing the USB device as Fun Cube Dongle V2.0 interface (0) with no error indicators.

I'm wondering if the laptop needs a Windows 7 re-install, I've loaded all sorts of c**p on it at various times including FlDigi and Digipan neither of which work as they should.

I'm assuming that the version of SDR# that I have loaded does not now need Zadig as suggested in some install instructions I've seen?

John.

From: FUNcube@... [mailto:FUNcube@...]
Sent: 27 February 2015 15:15
To: FUNcube@...
Subject: Re: [FUNcube] Display

Original Message -----
Subject: RE: [FUNcube] Display

>As you can see the FCD Pro+ is selected as the source but the signal displayed is not an off air incoming signal as far as I can tell.

John

You need to dig into Windows sound settings.
I keep saying it looks as if there is something not correct there.
It is not the FCD you are seeing.
Just pull it out does it make any difference? (Assuming SDR# does not crash).

73 Alan G4ZFQ

9623. Re: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-27 16:58:16 UTC
From: David J Taylor
Topic: 9603 Message: 9623

From: 'John Martin' jomacot@... [FUNcube]

I've checked all the sound settings and the only thing I can change is the Recording setting in Control Panel/Sound and then the only thing that works is the one I'm on which is Sterio Mix, the other are both Mics Internal and External which don't do anything at all.
[]
John.
==========

On my system the recording device can be selected to the the FUNcube Dongle V2.0. Is it not in your list? Having said that SDR# works without that device being selected. It sounds as if your system may not have the correct drivers. You didn't install and run Zadig, I suppose? That's /not/ required.

In Device Manager, I have a section "Audio inputs and outputs", and in that branch is a device "Line (2- FUNcube Dongle V2.0". Do you have something similar?

Cheers,
David
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...

9624. Re: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-27 17:03:10 UTC
From: Alan
Topic: 9603 Message: 9624

Original Message -----
Subject: RE: [FUNcube] Display

>> I've checked all the sound settings and the only thing I can change is the
> Recording setting in Control Panel/Sound and then the only thing that works
> is the one I'm on which is Sterio Mix, the other are both Mics Internal and
> External

John,

Yes Stereo Mix is wrong and does look like that.

I think the FCD does look like a mic to some windows versions. The FCD might be the external one.
It sometimes needs to be enabled as a recording device although you seem to have tried that.

Personally I don't believe in Windows reinstallation as a cure-all. Whatever software you install it is unlikely to interfere with
USB sound drivers.

NO! Zadig has NOTHING to do with the FCD!

73 Alan G4ZFQ

9625. RE: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-27 17:40:26 UTC
From: John Martin
Topic: 9603 Message: 9625

Thanks David,

I'll investigate over the weekend hopefully.

Cheers.

John.

From: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
Sent: 27 February 2015 16:58
To: FUNcube@...
Subject: Re: [FUNcube] Display

From: 'John Martin' jomacot@tiscali.co.uk [FUNcube]

I've checked all the sound settings and the only thing I can change is the Recording setting in Control Panel/Sound and then the only thing that works is the one I'm on which is Sterio Mix, the other are both Mics Internal and External which don't do anything at all.
[]
John.
==========

On my system the recording device can be selected to the the FUNcube Dongle V2.0. Is it not in your list? Having said that SDR# works without that device being selected. It sounds as if your system may not have the correct drivers. You didn't install and run Zadig, I suppose? That's /not/ required.

In Device Manager, I have a section "Audio inputs and outputs", and in that branch is a device "Line (2- FUNcube Dongle V2.0". Do you have something similar?

Cheers,
David
--
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Web: http://www.satsignal.eu
Email: david-taylor@...

9626. AW: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-02-28 11:33:36 UTC
From: siegfried jackstien
Topic: 9603 Message: 9626

If you unplug dongle and replug it ... does your windoze make the "dading" tone??

Is the fcdpp found in sound devices??

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
> Gesendet: Freitag, 27. Februar 2015 17:40
> An: FUNcube@...
> Betreff: RE: [FUNcube] Display
>
>
>
> Thanks David,
>
>
>
> I□ll investigate over the weekend hopefully.
>
>
>
> Cheers.
>
>
>
> John.
>
>
>
> From: FUNcube@... [mailto:FUNcube@...]
> Sent: 27 February 2015 16:58
> To: FUNcube@yahoogroups.co.uk
> Subject: Re: [FUNcube] Display
>
>
>
>
>
> From: 'John Martin' jomacot@... [FUNcube]
>
> I□ve checked all the sound settings and the only thing I can change is the

> Recording setting in Control Panel/Sound and then the only thing that
> works
> is the one I□m on which is Sterio Mix, the other are both Mics Internal
> and
> External which don□t do anything at all.
> []
> John.
> ==========
>
> On my system the recording device can be selected to the the FUNcube
> Dongle
> V2.0. Is it not in your list? Having said that SDR# works without that
> device being selected. It sounds as if your system may not have the
> correct
> drivers. You didn't install and run Zadig, I suppose? That's /not/
> required.
>
> In Device Manager, I have a section "Audio inputs and outputs", and in
> that
> branch is a device "Line (2- FUNcube Dongle V2.0". Do you have something
> similar?
>
> Cheers,
> David
> --
> SatSignal Software - Quality software written to your requirements
> Web: http://www.satsignal.eu
> Email: david-taylor@...
>
>

9627. Settings for SDR#

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-01 11:58:59 UTC
From: rick.fothergill@...
Topic: 9627 Message: 9627

Hi group

I have a FCD Pro which I'm trying to get working with SDR# but not having much luck - can anybody help with the settings within SDR#? In short, I'm just trying to tune to an FM frequency I know works well (I have tested on my handheld and it works fine) but all I get is a very very weak signal, with both my portable antenna and the larger Comet antenna in the loft.

The chaps over in the SDR# group have been very helpful and made some suggestions but I'm still not quite getting it so thinking maybe it's the FCD settings? If anybody here (successfully) uses SDR# with a FCD Pro and could post their settings that would be a great help!

Many thanks

9628. Re: [FUNcube] Settings for SDR#

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-01 14:05:24 UTC
From: Alan
Topic: 9627 Message: 9628

Original Message -----
Subject: [FUNcube] Settings for SDR♯

> I have a FCD Pro which I'm trying to get working with SDR♯ but not having much luck - can anybody help with the settings within
> SDR♯? In short, I'm just trying to tune to an FM frequency I know works well (I have tested on my handheld and it works fine) but
> all I get is a very very weak signal, with both my portable antenna and the larger Comet antenna in the loft.
>
> The chaps over in the SDR♯ group have been very helpful and made some suggestions

On the SDR♯ group I have repeatedly asked you if you have the correct antenna connector. NOT a WiFi SMA-R but a plain SMA with a pin.

Alan G4ZFQ

9629. Re:: Re: [FUNcube] Settings for SDR#

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-02 08:01:13 UTC
From: rick.fothergill@...
Topic: 9627 Message: 9629

Alan - I've replied a couple of times pal - I've tried with 3 antennas - a small Watson with SMA connector, a loft mounted Comet CSB-770 with a BNC to SMA converter cable and (for testing purposes) a Wifi antenna off of my Draytek router.

I have a Uniden handheld scanner with an SMA connector (identical to that on the FCD) and the first two antennas work absolutely fine on that. I've also used the Comet to rx/tx analog and digital (Mototrbo and Tetra) signals and it works fine on various radios and scanners.

Rick

9630. Re: Re:: Re: [FUNcube] Settings for SDR#

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-02 08:20:32 UTC
From: Alan
Topic: 9627 Message: 9630

Original Message -----
Subject: Re:: Re: [FUNcube] Settings for SDR#

> Alan - I've replied a couple of times pal - I've tried with 3 antennas - a small Watson with SMA connector, a loft mounted Comet
> CSB-770 with a BNC to SMA converter cable and (for testing purposes) a Wifi antenna off of my Draytek router.
>
> I have a Uniden handheld scanner with an SMA connector (identical to that on the FCD) and the first two antennas work absolutely
> fine on that. I've also used the Comet to rx/tx analog and digital (Mototrbo and Tetra) signals and it works fine on various
> radios and scanners.
>

Rick,

But you did not confirm that signals from these various antennas were actually getting to the FCD. I did not even know the Uniden
has an SMA connector.
What you describe, very weak signals is what I expect if a pinless SMA-R is screwed into the FCD dongle.
So, I reckon either there is no antenna connection or the dongle is faulty.
A broken joint on the antenna socket is not unknown especially if big adaptors are screwed straight in.
A patch lead is far safer.

73 Alan G4ZFQ

9631. Re:: Re: Re:: Re: [FUNcube] Settings for SDR#

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-02 10:12:03 UTC
From: rick.fothergill@...
Topic: 9627 Message: 9631

Hi Alan - the antenna and converter do indeed have a centre pin (I tried to insert a picture but Groups don't seem to allow it).

The FCD was knocking around in a drawer for a couple of years so there's every chance it's damaged (although I can't see anything obvious). I have a cheap rtl-sdr coming tomorrow so will try and see if if I have any luck - if it works then I might look at purchasing a new FCD.

Cheers, Rick

9632. AW: Re:: Re: [FUNcube] Settings for SDR#

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-02 16:40:01 UTC
From: siegfried jackstien
Topic: 9627 Message: 9632

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Montag, 2. März 2015 08:21
> An: FUNcube@...
> Betreff: Re: Re:: Re: [FUNcube] Settings for SDR#
>
>
>
>
> Original Message -----
> Subject: Re:: Re: [FUNcube] Settings for SDR#
>
> > Alan - I've replied a couple of times pal - I've tried with 3 antennas -
> a small Watson with SMA connector, a loft mounted Comet
> > CSB-770 with a BNC to SMA converter cable and (for testing purposes) a
> Wifi antenna off of my Draytek router.
> >
> > I have a Uniden handheld scanner with an SMA connector (identical to
> that on the FCD) and the first two antennas work absolutely
> > fine on that. I've also used the Comet to rx/tx analog and digital
> (Mototrbo and Tetra) signals and it works fine on various
> > radios and scanners.
> >
>
> Rick,
>
> But you did not confirm that signals from these various antennas were
> actually getting to the FCD. I did not even know the Uniden
> has an SMA connector.
> What you describe, very weak signals is what I expect if a pinless SMA-R
> is screwed into the FCD dongle.
> So, I reckon either there is no antenna connection or the dongle is
> faulty.
> A broken joint on the antenna socket is not unknown especially if big
> adaptors are screwed straight in.
> A patch lead is far safer.
>
> 73 Alan G4ZFQ
>
>

Or user did not crank up the gain in the dongle

Or has a short in the antenna cable :-)

Dg9bfc

Sigi

9633. Faulty Funcube dongles (original X2)

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-03 10:19:33 UTC
From: Martin Andrew
Topic: 9633 Message: 9633

I have two original Funcube dongles that have stopped working.
One has accidental damage, the other just stopped.
Both are not seeing USB power on several computers.
I wonder if there is a returns address for Howard and also
if the original Dongle is still supported.

Martin, GM6VXB

9634. Re: [FUNcube] Faulty Funcube dongles (original X2)

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-03 10:33:10 UTC
From: Graham Shirville
Topic: 9633 Message: 9634

Hi Martin,

I have just checked Howard’s website and see a message about how best to contact him

http://www.funcubedongle.com/?p=1683

good luck

Graham
G3VZV

From: mailto:FUNcube@...
Sent: Tuesday, March 03, 2015 10:19 AM
To: funcube@...
Subject: [FUNcube] Faulty Funcube dongles (original X2)

I have two original Funcube dongles that have stopped working.
One has accidental damage, the other just stopped.
Both are not seeing USB power on several computers.
I wonder if there is a returns address for Howard and also
if the original Dongle is still supported.

Martin, GM6VXB

9635. Re: [FUNcube] Faulty Funcube dongles (original X2)

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-03 10:55:31 UTC
From: Robin Gape (FCD)
Topic: 9633 Message: 9635

Or this link takes you directly to the pertinent posting that Graham referred to:
http://www.funcubedongle.com/?p=1683#comment-37581, and then the web page to contact Howard is:
https://funcubedongle.3dcartstores.com/crm.asp?action=contactus

73 & good luck,

Robin, G8DQX

On 03/03/15 10:33, 'Graham Shirville' g.shirville@...
[FUNcube] wrote:
>
> Hi Martin,
> I have just checked Howard’s website and see a message about how best
> to contact him
> http://www.funcubedongle.com/?p=1683
> good luck
> Graham
> G3VZV
> *From:* mailto:FUNcube@...
> *Sent:* Tuesday, March 03, 2015 10:19 AM
> *To:* funcube@... <mailto:funcube@...>
> *Subject:* [FUNcube] Faulty Funcube dongles (original X2)
>
> I have two original Funcube dongles that have stopped working.
> One has accidental damage, the other just stopped.
> Both are not seeing USB power on several computers.
> I wonder if there is a returns address for Howard and also
> if the original Dongle is still supported.
> Martin, GM6VXB
>

9636. Re:: Faulty Funcube dongles (original X2)

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-03 14:49:26 UTC
From: de.k0lgi@...
Topic: 9633 Message: 9636

Martin -

Howard Long can be reached at this email: hlong@btinternet.com mailto:hlong@btinternet.com where he can advise the details of returning it or may offer other troubleshooting information for the FCD if needed. He is busy and it may take a while for a reply. Subject line should also state FUNcube Dongle

Denny - K0LGI -

9637. RE: [FUNcube] Display

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-03 16:40:04 UTC
From: John Martin
Topic: 9603 Message: 9637

Hi Sigi,

Also Alan.

Yes but that does not mean it works apparently. Anyway I have now realised what you were referring to and it was not showing in Device Manager as a sound device, however, after trying all the USB ports on the laptop I found that only one did produce a result. In my defence I was thinking you were talking about the dropdown menu in SDR♯ .

Anyway it seems to be working fine now, I listened to a WAB net on 40m, 5&9,
so I know it□s working.

However, I need to get the tuning right as I can hear aircraft traffic on a certain channel of known frequency but the display is obviously not calibrated to show it in the right spot on the band.

Thanks again.

73□s

JM

G8XLB

From: FUNcube@... [mailto:FUNcube@...]
Sent: 28 February 2015 11:34
To: FUNcube@...
Subject: AW: [FUNcube] Display

If you unplug dongle and replug it ... does your windoze make the "dading" tone??

Is the fcdpp found in sound devices??

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Freitag, 27. Februar 2015 17:40
> An: FUNcube@....uk
> Betreff: RE: [FUNcube] Display
>
>
>
> Thanks David,

>
>
>
> I□ll investigate over the weekend hopefully.
>
>
>
> Cheers.
>
>
>
> John.
>
>
>
> From: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
> Sent: 27 February 2015 16:58
> To: FUNcube@...
> Subject: Re: [FUNcube] Display
>
>
>
>
>
> From: 'John Martin' jomacot@tiscali.co.uk [FUNcube]
>
> I□ve checked all the sound settings and the only thing I can change is the
> Recording setting in Control Panel/Sound and then the only thing that
> works
> is the one I□m on which is Sterio Mix, the other are both Mics Internal
> and
> External which don□t do anything at all.
> []
> John.
> ==========
>
> On my system the recording device can be selected to the the FUNcube
> Dongle
> V2.0. Is it not in your list? Having said that SDR# works without that
> device being selected. It sounds as if your system may not have the
> correct
> drivers. You didn't install and run Zadig, I suppose? That's /not/
> required.
>
> In Device Manager, I have a section "Audio inputs and outputs", and in
> that
> branch is a device "Line (2- FUNcube Dongle V2.0". Do you have something
> similar?
>

> Cheers,
> David
> --
> SatSignal Software - Quality software written to your requirements
> Web: http://www.satsignal.eu
> Email: david-taylor@....uk
>
>

9638. Re:: Re: [FUNcube] Faulty Funcube dongles (original X2)

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-04 14:12:27 UTC
From: martin.andrew@...
Topic: 9633 Message: 9638

Thanks all,
Must have been looking with closed eyes.

Two dongles sent to Howard now.

Martin, GM6VXB

9639. Lambda-Sat CubeSat – ISS Deployment

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-05 09:28:57 UTC
From: M5AKA
Topic: 9639 Message: 9639

Lambda-Sat CubeSat – ISS Deployment
http://amsat-uk.org/2014/08/23/lambdasat-cubesat-iss-deployment/

Radio hams will be at BBC Solar Eclipse event
http://amsat-uk.org/2015/03/02/radio-hams-will-be-at-bbc-solar-eclipse-event/

RSGB respond to Ofcom UHF review (70cm band)
http://amsat-uk.org/2015/02/26/rsgb-respond-to-uhf-review/

Trevor M5AKA
AMSAT-UK
Website http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9640. Active broadband antenna for FCD

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-07 10:46:42 UTC
From: iw4blg@...
Topic: 9640 Message: 9640

Hi all,

for all of you lover of the FunCube Dongle and often roaming here and there, you may find interesting this project: Fun Loop ON204 | IW4BLG http://goo.gl/rLT6K7

http://goo.gl/rLT6K7

Fun Loop ON204 | IW4BLG http://goo.gl/rLT6K7 The Fun-Loop Foreword One of the key for the great success of the Fun Cube Dongle Pro Plus, designed by Howard G6LVB, is its capability to cover from ...

View on goo.gl http://goo.gl/rLT6K7
Preview by Yahoo

about a super portable antenna parfectly mated for your FCD(pp).
Hope this will help someone.
thanks, 73, Pierluigi

9641. Listen to FUNcube-1 during Solar Eclipse + Special Fitter Message

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-09 12:54:26 UTC
From: M5AKA
Topic: 9641 Message: 9641

Listen to FUNcube-1 during Solar Eclipse
http://amsat-uk.org/2015/03/09/funcube-1-and-solar-eclipse/

Sarah Brightman’s fellow astronaut gets ham license
http://amsat-uk.org/2015/03/08/sarah-brightmans-co-astronaut/

RSGB respond to Ofcom 5G consultation - 47 GHz Amateur Satellite Allocation
http://amsat-uk.org/2015/03/06/rsgb-respond-to-ofcom-5g-consultation/

There will be a special FUNcube-1 AO-73 Fitter Message for Science and Astronomy Weekend (SAW) March 21-22. Among the stations active will be GB0SAW in Basildon, Essex.
Mike Lynn @Mike_L G1KOT tweets: Great to hear that @AMSAT_UK are sending out our fitter msg for our SAW event.. @e2v @OfficialHPI @wsplc only weeks to go!! @BritSciAssoc

The Sunday Times newspaper covered Sarah Brightman's upcoming mission to the International Space Station
(ISS) http://www.thesundaytimes.co.uk/sto/newsreview/features/article1527951.ece
A press conference is slated for March 10.
$50SAT/MO-76: 15 month update
http://amsat-uk.org/2015/03/05/mo-76-15-months/

Good luck to the Warwick University WUSAT CubeSat team flying out to Sweden March 9 for the sub-orbital launch
https://www.facebook.com/amsatuk/posts/849607015082349

Trevor M5AKA
AMSAT-UK
Website http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9642. Original FCD with SDR-Radio on Win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-12 21:54:09 UTC
From: 5b4ahz@...
Topic: 9642 Message: 9642

Hi, i've been trying to get the FCD Original to work on Windows 7 using SDR-Radio without any luck. All I get is the hissing sound.

FCHid with SpectraVue seem to be working ok.

Any ideas? I think I got the SDR-Radio settings right based on various setup sources from the net.

Mny tnx.
73 de 5B4AHZ (Nestor)

9643. Re: [FUNcube] Original FCD with SDR-Radio on Win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-13 06:24:27 UTC
From: Alan
Topic: 9642 Message: 9643

Original Message -----
Subject: [FUNcube] Original FCD with SDR-Radio on Win7

> Hi, i've been trying to get the FCD Original to work on Windows 7 using SDR-Radio without any luck. All I get is the hissing
> sound.
> FCHid with SpectraVue seem to be working ok.
>

Nestor

For the old FCD you need SDR-Radio v 1.5, the later version does not support it.

73 Alan G4ZFQ

9644. Re: [FUNcube] Original FCD with SDR-Radio on Win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-13 08:28:33 UTC
From: 5B4AHZ Nestor Jacovides
Topic: 9642 Message: 9644

Thanks for the reply Alan.
My mistake for not pointing out. I am using v1.5 build 1425. The previous build, 1058, was giving me the license error so I upgraded from the sdr-radio website.

73 Nestor 5B4AHZ

On 13 Mar 2015 08:24, "'Alan' g4zfq@... [FUNcube]" <FUNcube@...> wrote:

>
>
>
> Original Message -----
> Subject: [FUNcube] Original FCD with SDR-Radio on Win7
>
> > Hi, i've been trying to get the FCD Original to work on Windows 7 using
> SDR-Radio without any luck. All I get is the hissing
> > sound.
> > FCHid with SpectraVue seem to be working ok.
> >
>
> Nestor
>
> For the old FCD you need SDR-Radio v 1.5, the later version does not
> support it.
>
> 73 Alan G4ZFQ
>
>
>

9645. Re: [FUNcube] Original FCD with SDR-Radio on Win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-13 09:00:10 UTC
From: Stu C
Topic: 9642 Message: 9645

Nestor,

the FuncubePro and Proplus are supported on SDR-Radio V2 I'm 99% sure.
ProPlus is not supported on V1.5 I think is what Alan is remembering.

I'd go V2 then if you still have problems ask on the yahoo sdr-radio group.
From a screen dump Simon should be able to spot the issue very quickly.

Cheers
Stu

On 13/03/2015 08:28, 5B4AHZ Nestor Jacovides 5b4ahz@... [FUNcube]
wrote:
>
> Thanks for the reply Alan.
> My mistake for not pointing out. I am using v1.5 build 1425. The
> previous build, 1058, was giving me the license error so I upgraded
> from the sdr-radio website.
>
> 73 Nestor 5B4AHZ
>
>
> On 13 Mar 2015 08:24, "'Alan' g4zfq@...
> <mailto:g4zfq@...> [FUNcube]" <FUNcube@...
> <mailto:FUNcube@...>> wrote:
>
>
> Original Message -----
> Subject: [FUNcube] Original FCD with SDR-Radio on Win7
>
> > Hi, i've been trying to get the FCD Original to work on Windows
> 7 using SDR-Radio without any luck. All I get is the hissing
> > sound.
> > FCHid with SpectraVue seem to be working ok.
> >
>
> Nestor
>
> For the old FCD you need SDR-Radio v 1.5, the later version does
> not support it.
>
> 73 Alan G4ZFQ
>
>

9646. Re: [FUNcube] Original FCD with SDR-Radio on Win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-13 09:29:46 UTC
From: 5B4AHZ Nestor Jacovides
Topic: 9642 Message: 9646

Great, thanks for the info Stu.
I think I tried v2 as well, however I didn't give it too much effort as my first thought was that it may be an incompatibility issue, so reverted back to v1.5.
I'll give it a shot again later tonight and be in touch again.
Fingers crossed.

73 Nestor 5B4AHZ

On 13 March 2015 at 11:00, Stu C stu@... [FUNcube] <FUNcube@yahoogroups.co.uk> wrote:

>
>
> Nestor,
>
> the FuncubePro and Proplus are supported on SDR-Radio V2 I'm 99% sure.
> ProPlus is not supported on V1.5 I think is what Alan is remembering.
>
> I'd go V2 then if you still have problems ask on the yahoo sdr-radio group.
> From a screen dump Simon should be able to spot the issue very quickly.
>
> Cheers
> Stu
>
> On 13/03/2015 08:28, 5B4AHZ Nestor Jacovides 5b4ahz@... [FUNcube]
> wrote:
> >
> > Thanks for the reply Alan.
> > My mistake for not pointing out. I am using v1.5 build 1425. The
> > previous build, 1058, was giving me the license error so I upgraded
> > from the sdr-radio website.
> >
> > 73 Nestor 5B4AHZ
> >
> >
> > On 13 Mar 2015 08:24, "'Alan' g4zfq@...
> > <mailto:g4zfq@onwight.net> [FUNcube]" <FUNcube@...
> > <mailto:FUNcube@yahoogroups.co.uk>> wrote:
> >
> >
> > Original Message -----
> > Subject: [FUNcube] Original FCD with SDR-Radio on Win7
> >
> > > Hi, i've been trying to get the FCD Original to work on Windows
> > 7 using SDR-Radio without any luck. All I get is the hissing

> > > sound.
> > > FCHid with SpectraVue seem to be working ok.
> > >
> >
> > Nestor
> >
> > For the old FCD you need SDR-Radio v 1.5, the later version does
> > not support it.
> >
> > 73 Alan G4ZFQ
> >
> >
>
>
>

--
73,
Nestor 5B4AHZ

9647. Re: [FUNcube] Original FCD with SDR-Radio on Win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-13 10:13:28 UTC
From: Stu C
Topic: 9642 Message: 9647

There are common software issues like needing to select the right input audio device, correct output device, modulation type and filter width, not trying to resolve a signal on the centre cross over spike but all is (generally) spotted from a screen dump.
Hardware wise the old SMA RPSMA connector is quite common but if you are getting normal signals elsewhere probably not an issue here.

Also Consider SDR# as that is pretty straightforward and supports the FCD (both) versions without any drivers or work.

Stu

On 13/03/2015 09:29, 5B4AHZ Nestor Jacovides 5b4ahz@... [FUNcube] wrote:
> Great, thanks for the info Stu.
> I think I tried v2 as well, however I didn't give it too much effort
> as my first thought was that it may be an incompatibility issue, so
> reverted back to v1.5.
> I'll give it a shot again later tonight and be in touch again.
> Fingers crossed.
>
> 73 Nestor 5B4AHZ
>
> On 13 March 2015 at 11:00, Stu C stu@...
> <mailto:stu@...> [FUNcube] <FUNcube@...
> <mailto:FUNcube@...>> wrote:
>
> Nestor,
>
> the FuncubePro and Proplus are supported on SDR-Radio V2 I'm 99% sure.
> ProPlus is not supported on V1.5 I think is what Alan is remembering.
>
> I'd go V2 then if you still have problems ask on the yahoo
> sdr-radio group.
> From a screen dump Simon should be able to spot the issue very
> quickly.
>
> Cheers
> Stu
>
> On 13/03/2015 08:28, 5B4AHZ Nestor Jacovides 5b4ahz@...
> <mailto:5b4ahz@...> [FUNcube]
> wrote:
> >
> > Thanks for the reply Alan.
> > My mistake for not pointing out. I am using v1.5 build 1425. The

> > previous build, 1058, was giving me the license error so I upgraded
> > from the sdr-radio website.
> >
> > 73 Nestor 5B4AHZ
> >
> >
> > On 13 Mar 2015 08:24, "'Alan' g4zfq@...
> <mailto:g4zfq@...>
> > <mailto:g4zfq@... <mailto:g4zfq@...>> [FUNcube]"
> <FUNcube@... <mailto:FUNcube@...>
> > <mailto:FUNcube@...
> <mailto:FUNcube@...>>> wrote:
> >
> >
> > Original Message -----
> > Subject: [FUNcube] Original FCD with SDR-Radio on Win7
> >
> > > Hi, i've been trying to get the FCD Original to work on Windows
> > 7 using SDR-Radio without any luck. All I get is the hissing
> > > sound.
> > > FCHid with SpectraVue seem to be working ok.
> > >
> >
> > Nestor
> >
> > For the old FCD you need SDR-Radio v 1.5, the later version does
> > not support it.
> >
> > 73 Alan G4ZFQ
> >
> >
>
>
>
>
> --
> 73,
> Nestor 5B4AHZ
>

9648. Re:: Re: [FUNcube] Original FCD with SDR-Radio on Win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-13 21:44:21 UTC
From: 5b4ahz@...
Topic: 9642 Message: 9648

Hi Stu, it seems that there was another issue all along. I managed to get both v1.5 and v2.2 working. Apparently the problem is that there exists a shift in the rx frequency. I was trying to receive the local APRS beacons on the 144.800.000 freq, and I seem to be receiving them on 58.280khz lower, at 144.741.720.

Any ideas why this is happening?
Is there a fix / work around?

73 Nestor 5B4AHZ

9649. Re: : Re: [FUNcube] Original FCD with SDR-Radio on Win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-13 22:26:54 UTC
From: Stu C
Topic: 9642 Message: 9649

First I'd check the IQ, one method, tune to 40m band and look for SSB,
if they resolve as USB then the IQ needs to be swapped.
There is also frequency correction in SDR-Radio Home Ribbon, Radio
Configuration (can't remember about V1.5)

The IQ needs to be correct before any attempt is made to set the frequency.

Cheers
Stu

On 13/03/2015 21:44, 5b4ahz@... [FUNcube] wrote:
>
> Hi Stu,
>
> it seems that there was another issue all along. I managed to get both
> v1.5 and v2.2 working. Apparently the problem is that there exists a
> shift in the rx frequency. I was trying to receive the local APRS
> beacons on the 144.800.000 freq, and I seem to be receiving them on
> 58.280khz lower, at 144.741.720.
>
> Any ideas why this is happening?
> Is there a fix / work around?
>
> 73 Nestor 5B4AHZ
>

9650. Re: : Re: [FUNcube] Original FCD with SDR-Radio on Win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-14 06:40:58 UTC
From: Alan
Topic: 9642 Message: 9650

Original Message -----
Subject: Re: : Re: [FUNcube] Original FCD with SDR-Radio on Win7

> First I'd check the IQ, one method, tune to 40m band and look for SSB,
> if they resolve as USB then the IQ needs to be swapped.

Stu,

Now you are forgetful:)

Nestor,

As it's an original FCD it's not so easy to be sure of the IQ swap unless there is 2m SSB activity near you.
IQ swap should be the same for everyone so someone who knows might read this.
But IQ swap setting reverses sidebands and reverses the tuning so low frequencies are on the right.
If you cannot find any other signals to compare just try the swap and see if tuning is closer.
Again, not too easy because the original FCD was not too accurate before calibration.

73 Alan G4ZFQ

> There is also frequency correction in SDR-Radio Home Ribbon, Radio
> Configuration (can't remember about V1.5)
>
> The IQ needs to be correct before any attempt is made to set the frequency.
>

9651. Re: : Re: [FUNcube] Original FCD with SDR-Radio on Win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-14 10:40:01 UTC
From: Stu C
Topic: 9642 Message: 9651

Ha Alan,
I was waiting for you to fill in the details on IQ.
I use these thing for about an hour a year right now so only chip in if
the bits I remember might be of use.
My FCD pro was something like -120ppm (vaguely)

Cheers
Stu
On 14/03/2015 06:40, 'Alan' g4zfq@... [FUNcube] wrote:
>
> Original Message -----
> Subject: Re: : Re: [FUNcube] Original FCD with SDR-Radio on Win7
>
> > First I'd check the IQ, one method, tune to 40m band and look for SSB,
> > if they resolve as USB then the IQ needs to be swapped.
>
> Stu,
>
> Now you are forgetful:)
>
> Nestor,
>
> As it's an original FCD it's not so easy to be sure of the IQ swap
> unless there is 2m SSB activity near you.
> IQ swap should be the same for everyone so someone who knows might
> read this.
> But IQ swap setting reverses sidebands and reverses the tuning so low
> frequencies are on the right.
> If you cannot find any other signals to compare just try the swap and
> see if tuning is closer.
> Again, not too easy because the original FCD was not too accurate
> before calibration.
>
> 73 Alan G4ZFQ
>
> > There is also frequency correction in SDR-Radio Home Ribbon, Radio
> > Configuration (can't remember about V1.5)
> >
> > The IQ needs to be correct before any attempt is made to set the
> frequency.
> >
>
>

9652. UK Licence + Young ham's first satellite contact

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-14 18:03:10 UTC
From: M5AKA
Topic: 9652 Message: 9652

Young ham’s first contact is via OSCAR satellitehttp://amsat-uk.org/2015/03/14/young-hams-1st-contact-via-sat/
Notice of Variation to UK Amateur Radio Licence75.875-76.000 GHz Amateur and Amateur-Satellite allocation restored to Primary statushttp://amsat-uk.org/2015/03/13/nov-uk-amateur-radio-licence/
UK 434 MHz CanSat Competitionhttp://amsat-uk.org/2015/03/13/434-mhz-cansat-competition/
Sarah Brightman – A message from Tim Peake KG5BVIhttp://amsat-uk.org/2015/03/11/sarah-brightman-tim-peake-video/
Listen to FUNcube-1 during Solar Eclipsehttp://amsat-uk.org/2015/03/09/funcube-1-and-solar-eclipse/
Bitcoin Pioneer Jeff Garzik ex-KB4UZB signs contract with DSI for CubeSat constellation. DSI's Daniel Faber VA3DRF attended the 2012 AMSAT-UK International Space Colloquium http://deepspaceindustries.com/bitcoin-pioneer-inks-contract-for-satellite-constellation/
UK Space Agency teams up with Clyde Space and Outernet to provide free telecommunications services through CubeSats https://www.gov.uk/government/news/cubesats-to-provide-telecomms-through-international-partnership
----Trevor M5AKAAMSAT-UKWebsite http://amsat-uk.org/Facebook https://www.facebook.com/amsatukTwitter https://twitter.com/AMSAT_UK----

9653. Book "HAMSAT"

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-16 18:44:20 UTC
From: iw4blg@...
Topic: 9653 Message: 9653

Hello everybody, I'm sure that among many of you happy user of the FCD there are also many passionated of space communications.
So, here: Hamsat: amateur radio satellites explained | IW4BLG http://goo.gl/GhlIQU

http://goo.gl/GhlIQU

Hamsat: amateur radio satellites explained | IW4BLG http://goo.gl/GhlIQU iw4blg Pierluigi Poggi since his childhood has been attracted from technical stuffs and gears, being a very curious guy. He built his first Xtal radio when he was j...

View on goo.gl http://goo.gl/GhlIQU
Preview by Yahoo

you can have a look to my last book: HAMSAT Amateur Radio Satellites Explained that I hope you will appreciate.
Many thanks and I will be happy to get your feedback.
Happy reading!

73, Pierluigi

9654. Funcube Dongle Set Freq via HID

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-17 20:31:50 UTC
From: mhorn71@...
Topic: 9654 Message: 9654

Hopefully a quick question regarding setting and reading the frequency from hid for the FCD Pro using cython-hidapi.

When setting the frequency 192000002 I send the following

```
d.write([0, 101] + map(ord, struct.pack('<I', freq)))
```

[0,101,2, 176, 113, 11]

However the FCD responds with 192000000

```
d.read(65)[2:6]
```

[101,1,0, 176, 113, 11]

The first byte of the frequency has changed (2 - 0). This only seems to effect certain frequencies. e.g.

195000000 works.
195200000 works.
195220000 Doesn’t work gets returned as 195219984

I’m I missing something?

Any help much appreciated.

Mark

9655. Re: [FUNcube] Funcube Dongle Set Freq via HID

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-17 23:43:45 UTC
From: Robin Gape (FCD)
Topic: 9654 Message: 9655

Mark,

there's something on the funcubedongle website,
http://www.funcubedongle.com/?page_id=1201#comment-24475, where Howard
has provided a spreadsheet that calculates the applied N:M division in
the frequency synthesizer.

With a bit of luck, it will match what you are seeing with your
carefully crafted code!

Cheers,

Robin, G8DQX

On 17/03/15 20:31, mhorn71@... [FUNcube] wrote:
>
> Hopefully a quick question regarding setting and reading the frequency
> from hid for the FCD Pro using cython-hidapi.
>
>
> When setting the frequency 192000002 I send the following
>
>
> d.write([0, 101] + map(ord, struct.pack('<I', freq)))
>
>
> [0,101,2, 176, 113, 11]
>
>
> However the FCD responds with 192000000
>
>
> d.read(65)[2:6]
>
>
> [101,1,0, 176, 113, 11]
>
>
> The first byte of the frequency has changed (2 - 0). This only seems
> to effect certain frequencies. e.g.
>
>
> 195000000 works.
> 195200000 works.
> 195220000 Doesn’t work gets returned as 195219984
>

>
> I’m I missing something?
>
>
> Any help much appreciated.
>
>
> Mark
>
>
>

9656. Re: [FUNcube] Funcube Dongle Set Freq via HID

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-18 00:05:15 UTC
From: Mark Horn
Topic: 9654 Message: 9656

Hi Robin,

Thank you for the response. I had a look at the spreadsheet and my
returned frequencies sadly don't seem to follow the spreadsheet.

I've got a feeling it must be something to do with cython-hidapi. I'll see
if I can capture the raw hid data, maybe cython is making a change too what
is being sent?

Regards

Mark

On 17 March 2015 at 23:43, 'Robin Gape (FCD)' fcd@...
[FUNcube] <FUNcube@...> wrote:

>
>
> Mark,
>
> there's something on the funcubedongle website,
> http://www.funcubedongle.com/?page_id=1201#comment-24475, where Howard
> has provided a spreadsheet that calculates the applied N:M division in the
> frequency synthesizer.
>
> With a bit of luck, it will match what you are seeing with your carefully
> crafted code!
>
> Cheers,
>
> Robin, G8DQX
>
> On 17/03/15 20:31, mhorn71@... [FUNcube] wrote:
>
>
>
>
> Hopefully a quick question regarding setting and reading the frequency
> from hid for the FCD Pro using cython-hidapi.
>
>
>
> When setting the frequency 192000002 I send the following
>
>
>
> d.write([0, 101] + map(ord, struct.pack('<I', freq)))
>
>

> [0,101,2, 176, 113, 11]
>
>
> However the FCD responds with 192000000
>
>
> d.read(65)[2:6]
>
>
> [101,1,0, 176, 113, 11]
>
>
> The first byte of the frequency has changed (2 - 0). This only seems to
> effect certain frequencies. e.g.
>
>
> 195000000 works.
> 195200000 works.
> 195220000 Doesn’t work gets returned as 195219984
>
>
> I’m I missing something?
>
>
> Any help much appreciated.
>
>
> Mark
>
>
>
>
>

9657. Balloon launch at BBC Stargazing live + New OSCAR News

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-18 14:25:09 UTC
From: M5AKA
Topic: 9657 Message: 9657

OSCAR News Issue 209 available to members
http://amsat-uk.org/2015/03/18/oscar-news-issue-209/

UK CanSat 2015 Winner Announced
http://amsat-uk.org/2015/03/14/uk-cansat-2015-winner/

ITU: Small satellite communication systems regulatory requirements
http://amsat-uk.org/2015/03/16/itu-small-satellite-communication-systems-regulatory-requirements/

434 MHz balloon launch at BBC Stargazing event - online receiver available for those overseas
http://amsat-uk.org/2015/03/16/434-mhz-balloon-launch-at-bbc-stargazing-event/

Two Million Packets Uploaded to Data Warehouse
http://amsat-uk.org/2015/03/15/two-million-packets-uploaded-to-warehouse/

Trevor M5AKA
AMSAT-UK
Website http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9658. Re: [FUNcube] Funcube Dongle Set Freq via HID

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-18 15:16:19 UTC
From: Mark Horn
Topic: 9654 Message: 9658

After having a better a look at what was being returned it appears the the FCD can only go up in increments of 16Hz

Though it looks like this is just a specification of the FCD Pro, I can't seem to find it documented anywhere.

Mark

On 18 March 2015 at 00:05, Mark Horn <mhorn71@...> wrote:

> Hi Robin,
>
> Thank you for the response. I had a look at the spreadsheet and my
> returned frequencies sadly don't seem to follow the spreadsheet.
>
> I've got a feeling it must be something to do with cython-hidapi. I'll
> see if I can capture the raw hid data, maybe cython is making a change too
> what is being sent?
>
> Regards
>
> Mark
>
> On 17 March 2015 at 23:43, 'Robin Gape (FCD)' fcd@...
> [FUNcube] <FUNcube@yahoogroups.co.uk> wrote:
>
>>
>>
>> Mark,
>>
>> there's something on the funcubedongle website,
>> http://www.funcubedongle.com/?page_id=1201#comment-24475, where Howard
>> has provided a spreadsheet that calculates the applied N:M division in the
>> frequency synthesizer.
>>
>> With a bit of luck, it will match what you are seeing with your carefully
>> crafted code!
>>
>> Cheers,
>>
>> Robin, G8DQX
>>
>> On 17/03/15 20:31, mhorn71@... [FUNcube] wrote:
>>
>>
>>

>> Hopefully a quick question regarding setting and reading the frequency
>> from hid for the FCD Pro using cython-hidapi.
>>
>>
>> When setting the frequency 192000002 I send the following
>>
>>
>> d.write([0, 101] + map(ord, struct.pack('<I', freq)))
>>
>>
>> [0,101,2, 176, 113, 11]
>>
>>
>> However the FCD responds with 192000000
>>
>>
>> d.read(65)[2:6]
>>
>>
>> [101,1,0, 176, 113, 11]
>>
>>
>> The first byte of the frequency has changed (2 - 0). This only seems to
>> effect certain frequencies. e.g.
>>
>>
>> 195000000 works.
>> 195200000 works.
>> 195220000 Doesn’t work gets returned as 195219984
>>
>>
>> I’m I missing something?
>>
>>
>> Any help much appreciated.
>>
>>
>> Mark
>>
>>
>>
>>
>>
>
>

9659. Re: [FUNcube] Funcube Dongle Set Freq via HID

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-18 19:17:54 UTC
From: Alan
Topic: 9654 Message: 9659

Original Message -----
Subject: Re: [FUNcube] Funcube Dongle Set Freq via HID

>After having a better a look at what was being returned it appears the the FCD can only go up in increments of 16Hz
>Though it looks like this is just a specification of the FCD Pro, I can't seem to find it documented anywhere.

Mark,

Are you sure?

With HDSDR, a Windows program, it appears to tune by the Hz.

73 Alan G4ZFQ

9660. Re: [FUNcube] Funcube Dongle Set Freq via HID

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-18 19:40:52 UTC
From: Mark Horn
Topic: 9654 Message: 9660

Actually after another test no I'm not. I seem to get random results. Run 1 : Set Freq Hertz - 10000000 -> (10000000,) -> 0 Set Freq Hertz - 10000001 -> (10000001,) -> 0 Set Freq Hertz - 10000002 -> (10000002,) -> 0 Set Freq Hertz - 10000003 -> (10000003,) -> 0 Set Freq Hertz - 10000004 -> (10000004,) -> 0 Set Freq Hertz - 10000005 -> (10000005,) -> 0 Run 2 : Set Freq Hertz - 19200000 -> (19200000,) -> 0 Set Freq Hertz - 19200001 -> (19200000,) -> 1 Set Freq Hertz - 19200002 -> (19200002,) -> 0 Set Freq Hertz - 19200003 -> (19200004,) -> -1 Set Freq Hertz - 19200004 -> (19200004,) -> 0 Set Freq Hertz - 19200005 -> (19200004,) -> 1 Weird as this afternoon the step size seemed dependant on the frequency set, around 60MHz it seemed to step by 16Hz but had increased to a step of 128Hz by the time frequency got to 144Mhz.. If anyone else would like to try on Linux with cython-hidapi here's the piece of code. import hid import struct import time def set(freq): try: d = hid.device(0x04d8, 0xfb56) n = [0, 101] + map(ord, struct.pack(' %s -> %s" % (freq,xn,out)) d.close() except IOError as e: print("Exception %s" % e) for i in range(19200000, 19200100): set(i) time.sleep(1) I'm wondering if it's my Funcube or Pi2 at fault as it seems so random. Mark On 18 March 2015 at 19:17, 'Alan' g4zfq@...t [FUNcube] < FUNcube@...> wrote: > > > Original Message ----- > Subject: Re: [FUNcube] Funcube Dongle Set Freq via HID > > >After having a better a look at what was being returned it appears the the > FCD can only go up in increments of 16Hz > >Though it looks like this is just a specification of the FCD Pro, I can't > seem to find it documented anywhere. > > Mark, > > Are you sure? > > With HDSDR, a Windows program, it appears to tune by the Hz. > > 73 Alan G4ZFQ > >

9661. Re: [FUNcube] Funcube Dongle Set Freq via HID

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-18 23:33:43 UTC
From: Mark Horn
Topic: 9654 Message: 9661

Thanks to Alan Melia for pointing out I'd dropped a zero. Now it runs as I stated in my original post. First number the frequency set by the user Second number the frequency as returned by the FCDPro Three the difference between the two. Set Freq Hertz - 192000000 -> (192000000,) -> 0 Set Freq Hertz - 192000001 -> (192000000,) -> 1 Set Freq Hertz - 192000002 -> (192000000,) -> 2 Set Freq Hertz - 192000003 -> (192000000,) -> 3 Set Freq Hertz - 192000004 -> (192000000,) -> 4 Set Freq Hertz - 192000005 -> (192000000,) -> 5 Set Freq Hertz - 192000006 -> (192000000,) -> 6 Set Freq Hertz - 192000007 -> (192000000,) -> 7 Set Freq Hertz - 192000008 -> (192000000,) -> 8 Set Freq Hertz - 192000009 -> (192000016,) -> -7 Set Freq Hertz - 192000010 -> (192000016,) -> -6 Set Freq Hertz - 192000011 -> (192000016,) -> -5 Set Freq Hertz - 192000012 -> (192000016,) -> -4 Set Freq Hertz - 192000013 -> (192000016,) -> -3 Set Freq Hertz - 192000014 -> (192000016,) -> -2 Set Freq Hertz - 192000015 -> (192000016,) -> -1 Set Freq Hertz - 192000016 -> (192000016,) -> 0 Set Freq Hertz - 192000017 -> (192000016,) -> 1 Set Freq Hertz - 192000018 -> (192000016,) -> 2 Set Freq Hertz - 192000019 -> (192000016,) -> 3 Set Freq Hertz - 192000020 -> (192000016,) -> 4 Set Freq Hertz - 192000021 -> (192000016,) -> 5 Set Freq Hertz - 192000022 -> (192000016,) -> 6 Set Freq Hertz - 192000023 -> (192000016,) -> 7 Set Freq Hertz - 192000024 -> (192000032,) -> -8 Set Freq Hertz - 192000025 -> (192000032,) -> -7 Set Freq Hertz - 192000026 -> (192000032,) -> -6 Set Freq Hertz - 192000027 -> (192000032,) -> -5 Set Freq Hertz - 192000028 -> (192000032,) -> -4 Set Freq Hertz - 192000029 -> (192000032,) -> -3 Set Freq Hertz - 192000030 -> (192000032,) -> -2 Set Freq Hertz - 192000031 -> (192000032,) -> -1 On 18 March 2015 at 19:40, Mark Horn wrote: > Actually after another test no I'm not. I seem to get random results. > > Run 1 : > > Set Freq Hertz - 10000000 -> (10000000,) -> 0 > Set Freq Hertz - 10000001 -> (10000001,) -> 0 > Set Freq Hertz - 10000002 -> (10000002,) -> 0 > Set Freq Hertz - 10000003 -> (10000003,) -> 0 > Set Freq Hertz - 10000004 -> (10000004,) -> 0 > Set Freq Hertz - 10000005 -> (10000005,) -> 0 > > Run 2 : > > Set Freq Hertz - 19200000 -> (19200000,) -> 0 > Set Freq Hertz - 19200001 -> (19200000,) -> 1 > Set Freq Hertz - 19200002 -> (19200002,) -> 0 > Set Freq Hertz - 19200003 -> (19200004,) -> -1 > Set Freq Hertz - 19200004 -> (19200004,) -> 0 > Set Freq Hertz - 19200005 -> (19200004,) -> 1 > > Weird as this afternoon the step size seemed dependant on the frequency > set, around 60MHz it seemed to step by 16Hz but had increased to a step of > 128Hz by the time frequency got to 144Mhz.. > > If anyone else would like to try on Linux with cython-hidapi here's the > piece of code. > > import hid > import struct > import time > > def set(freq): > try: > d = hid.device(0x04d8, 0xfb56) > n = [0, 101] + map(ord, struct.pack(' d.write(n) > xx = d.read(65)[2:6] > xn = struct.unpack(' out = int(freq) - int(xn[0]) > print("Set Freq Hertz - %s -> %s -> %s" % (freq,xn,out)) > d.close() > except IOError as e: > print("Exception %s" % e) > > > for i in range(19200000, 19200100): > set(i) > time.sleep(1) > > I'm wondering if it's my Funcube or Pi2 at fault as it seems so random. > > Mark > > > On 18 March 2015 at 19:17, 'Alan' g4zfq@onwight.net [FUNcube] < > FUNcube@...> wrote: > >> >> Original Message ----- >> Subject: Re: [FUNcube] Funcube Dongle Set Freq via HID >> >> >After having a better a look at what was being returned it appears the >> the >> FCD can only go up in increments of 16Hz >> >Though it looks like this is just a specification of the FCD Pro, I can't >> seem to find it documented anywhere. >> >> Mark, >> >> Are you sure? >> >> With HDSDR, a Windows program, it appears to tune by the Hz. >> >> 73 Alan G4ZFQ >> >> > >

9662. Solar Eclipse Balloons Active + Listen for FUNcube-1 and UKube-1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-20 09:03:30 UTC
From: M5AKA
Topic: 9662 Message: 9662

Both FUNcube-1 (AO-73) and FUNcube-2 (UKube-1) beacons are transmitting telemetry for the solar eclipse passes at 09:34 and 09:54 UT respectively.http://amsat-uk.org/2015/03/09/funcube-1-and-solar-eclipse/

Plenty of signals in 434.0 to 434.5 MHz from Solar Eclipse balloons.

There are 4 UK balloons in the air plus some from Europe. They are transmitting ASCII RTTY and Slow Scan Digital Video (SSDV) images and one will also send the new LoRa spread spectrum mode with a 20 kHz bandwidth.

The balloon being launched at the BBC Stargazing Live event in Leicester will be transmitting simultaneously on 5 separate 434 MHz frequencies. BTW watch out for Dave Akerman M0RPI on BBC TV.

To receive the balloons you'll need an SSB (USB) receiver and an omnidirectional antenna, e.g. 1/4 wave groundplane, colinear, dipole.

Don't have a suitable receiver ? No problem just use an online WebSDR receiver such as
http://websdr.suws.org.uk/
http://amsat-uk.org/2014/08/15/suws-websdr-moves-to-new-site/

The balloons should stay aloft for 2 or 3 hours and the signals should be receivable up to 800 km away.

A summary of the balloons and frequencies is at
http://ukhas.org.uk/news:balloon_launches

Online real-time tracking of balloons http://spacenear.us/tracker/
Live images will be uploaded here: http://ssdv.habhub.org/
Chat here: http://webchat.freenode.net/?channels=highaltitude
Tracking Guide: http://ukhas.org.uk/guides:tracking_guide
AMSAT-UK Balloon links http://amsat-uk.org/beginners/balloons/

73 Trevor M5AKA
AMSAT-UK http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9663. FUNcube-1 Operations update

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-20 12:09:40 UTC
From: Graham Shirville
Topic: 9663 Message: 9663
Attachments: 1 described; binary payloads are missing from this source WARC

Hi All,

As there is a Scouts demonstration planned for tomorrow..we are leaving FUNcube-1 in telemetry mode until Saturday evening this weekend.

Thanks for your understanding

73

Graham
G3VZV

PS – FUNcube-1 did “see” the eclipse this morning – see http://funcube.org.uk/news/

9664. Astronaut issues challenge for UK students to “make that call”

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-20 18:40:59 UTC
From: M5AKA
Topic: 9664 Message: 9664

Astronaut issues challenge for UK students to “make that call”
http://amsat-uk.org/2015/03/20/astronaut-issues-challenge-for-uk-students-to-make-that-call/

FUNcube-1 Solar eclipse update
http://amsat-uk.org/2015/03/20/funcube-1-solar-eclipse-update/

---
73 Trevor M5AKA
AMSAT-UK http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9665. FUNcube-1 operating mode for the next 24 hours

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-21 23:06:41 UTC
From: Graham Shirville
Topic: 9665 Message: 9665

Hi All,

FUNcube-1 was commanded to continuous amateur transponder mode at approx 2301 UTC this evening.

We will keep this mode until around the same time tomorrow Sunday when the normal autonomous switching between the telemetry and amateur modes will be restarted

73

Graham

9666. Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-24 15:02:05 UTC
From: katie179156@...
Topic: 9666 Message: 9666

Hi, I got up and running with my new FCDPP yesterday but having problems I am using SDRSharp and firmware on the FCDPP is 20.03. It seems to receive broadcast radio stations, satellites and a few things on HF but when it comes to anything else like the local 2m and 70cm ham repeaters and lots of other things like airband, there is no signal at all. Any help would be greatly appreciated.

Thanks,
Katie

9667. AW: [FUNcube] Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-24 21:33:10 UTC
From: siegfried jackstien
Topic: 9666 Message: 9667

Did you open the driver window (click on configure button)?!?

Ia lna on or off??

Is mixer gain set to high or low??

Did you add some if gain (around 10db or so)??

....

Did you tick the "swap iq" box???

....

We would need some info to help you a bit better ...

Greetz

Sigi

Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Dienstag, 24. März 2015 15:02
> An: FUNcube@...
> Betreff: [FUNcube] Newbie with problem using FCDPP.
>
>
>
> Hi, I got up and running with my new FCDPP yesterday but having problems I
> am using SDRSharp and firmware on the FCDPP is 20.03. It seems to receive
> broadcast radio stations, satellites and a few things on HF but when it
> comes to anything else like the local 2m and 70cm ham repeaters and lots
> of other things like airband, there is no signal at all. Any help would be
> greatly appreciated.
>
> Thanks,
> Katie
>
>
>
>
>
>

9668. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 00:18:24 UTC
From: katie179156@...
Topic: 9666 Message: 9668

Thanks for your reply Sigi. How do I get to the driver window? LNA is enabled and so is mixer gain. IF gain is at 0. Bias T is disabled.

Regards,
Katie

9669. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 00:19:46 UTC
From: katie179156@...
Topic: 9666 Message: 9669

Oh and swap IQ is enabled.

9670. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 00:26:01 UTC
From: katie179156@...
Topic: 9666 Message: 9670

I changed IF gain to 10. No difference as yet.

9671. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 01:23:19 UTC
From: katie179156@...
Topic: 9666 Message: 9671

The antenna I am using is a mobile skyscan which is sat out on my veranda. It's not a big anrenna but I think I should still be able to be about to hear the local 2m and 70cm repeaters at least.

9672. AW: [FUNcube] Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 09:08:39 UTC
From: siegfried jackstien
Topic: 9666 Message: 9672

Local repeater should be hear-able even with a wet noodle :-)

What antenna connector/adaptor did you use??? The connector is standard sma and if you accidently use reverse sma (as found on wireless lan networks)you have just some capacitive coupling but no electrical contact

The "driver window" is that box that pops up when you click on configure (so you already found that)

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@yahoogroups.co.uk [mailto:FUNcube@...]
> Gesendet: Mittwoch, 25. März 2015 01:23
> An: FUNcube@...
> Betreff: [FUNcube] Re:: Newbie with problem using FCDPP.
>
>
>
> The antenna I am using is a mobile skyscan which is sat out on my veranda.
> It's not a big anrenna but I think I should still be able to be about to
> hear the local 2m and 70cm repeaters at least.
>
>

9673. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 10:30:43 UTC
From: jet.noise@...
Topic: 9666 Message: 9673

Katie

At the risk of stating the obvious, you are aware that the repeater will not be transmitting unless somebody is using it, or it is transmitting it's periodic Morse identity? I find that most of my local repeaters are pretty dead during the day time. What repeaters are you trying to hear?

73

Tim
G3PJD

9674. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 18:31:36 UTC
From: katie179156@...
Topic: 9666 Message: 9674

Hi Tim, Yes I know that the repeaters are not active until someone opens them up. But I even listen on leeds/bradford approach and hear nothing not even a plane. My local repeaters are York or around York.

Thank you,
Katie

9675. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 18:40:34 UTC
From: katie179156@...
Topic: 9666 Message: 9675

Hi Sgi, My antenna is plugged into an apapter which I bought from maplins. Think it is standard sma. I will post a link of it.

Thank you,
Katie

9676. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 18:50:23 UTC
From: katie179156@...
Topic: 9666 Message: 9676

Here is the adapter. http://www.maplin.co.uk/p/sma-plug-to-bnc-socket-adapter-rs85g
http://www.maplin.co.uk/p/sma-plug-to-bnc-socket-adapter-rs85g

9677. Re: [FUNcube] Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 18:52:48 UTC
From: Simon Kennedy
Topic: 9666 Message: 9677

Katie,

check out the SMA page on Wikipedia, it gives good information and pictures
of the different types..
Also the setting of the IF gain seems a bit low at 10, although I haven't
got an FCPP so might be wrong here but I'd start with it turned up higher.
It might cause a noisy signal and intermod but the first thing to do is see
a signal, so you can fine tune it later.

I'd also try to tune around 137MHz and 153-156MHz, this is where the very
powerful pager transmitters live. They are intermittent but do seem to
transmit a signal a few times a minute. You *should* be able to hear them
anywhere.

Hope this helps
Simon.

On 25 March 2015 at 18:40, katie179156@... [FUNcube] <
FUNcube@...> wrote:

>
>
> Hi Sgi, My antenna is plugged into an apapter which I bought from maplins.
> Think it is standard sma. I will post a link of it.
>
> Thank you,
> Katie
>

9678. Re: [FUNcube] Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 18:59:15 UTC
From: Dave Williams
Topic: 9666 Message: 9678

Hi Katie,
If it has a pin in the "SMA" end then its probably the right
type.
Cheers
Dave

On 25/03/2015 18:50, katie179156@... [FUNcube] wrote:
> Here is the adapter. http://www.maplin.co.uk/p/sma-plug-to-bnc-socket-adapter-rs85g
http://www.maplin.co.uk/p/sma-plug-to-bnc-socket-adapter-rs85g
>
> ------------------------------------
> Posted by: katie179156@...
> ------------------------------------
>
> All up-to-date FCD information at http://funcubedongle.pbworks.com
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>
>

--
73
Dave
G7gqw
Amsat uk member

9679. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 19:06:12 UTC
From: katie179156@...
Topic: 9666 Message: 9679

Thank you Dave. I will have a look.

9680. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 19:08:49 UTC
From: katie179156@...
Topic: 9666 Message: 9680

I just had a look and it has a pin.

Thank you,
Katie

9681. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 19:11:39 UTC
From: katie179156@...
Topic: 9666 Message: 9681

Thank you Simon

Katie

9682. AW: [FUNcube] Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 19:31:51 UTC
From: siegfried jackstien
Topic: 9666 Message: 9682

Katie ... for testing that adaptor is ok ... but I HIGHLY RECOMMEND using a pigtail to keep stress away from the fcdpp

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
> Gesendet: Mittwoch, 25. März 2015 18:50
> An: FUNcube@...
> Betreff: [FUNcube] Re:: Newbie with problem using FCDPP.
>
>
>
> Here is the adapter. http://www.maplin.co.uk/p/sma-plug-to-bnc-socket-
> adapter-rs85g http://www.maplin.co.uk/p/sma-plug-to-bnc-socket-adapter-
> rs85g
>
>

9683. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 19:41:05 UTC
From: katie179156@...
Topic: 9666 Message: 9683

I can hear the pagers around 153 - 156.

Katie

9684. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 20:05:16 UTC
From: katie179156@...
Topic: 9666 Message: 9684

I have heard my first voice signal around 144 and 146. It was very faint but was there. I am tuning the if gain a bit.

Katie

9685. Re: [FUNcube] Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-25 21:00:53 UTC
From: Dave Williams
Topic: 9666 Message: 9685

Hi Katie,
looks like you're on the right track, just for info the pager
signals over here in Chester area are HUGE compared to the local
repeater outputs,I would increase the gain(s) as far as possible,you can
always reduce them later after you get some useful signals. I use SDR#
and reduce the "Range" control to get a waterfall that's not too
bright/doesn't "wash out" weaker signals.
Cheers
Dave
On 25/03/2015 20:05, katie179156@... [FUNcube] wrote:
>
>
> I have heard my first voice signal around 144 and 146. It was very
> faint but was there. I am tuning the if gain a bit.
>
> Katie
>
>

--
73
Dave
G7gqw
Amsat uk member

9686. Re:: Newbie with problem using FCDPP.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-26 11:04:00 UTC
From: jet.noise@...
Topic: 9666 Message: 9686

For test purposes, you might try a few airfield Automatic Terminal Information Services (ATIS). These are continuous transmissions, which is helpful if you want to tweak FCDPP settings.

Blackpool ATIS 127.200 MHz
Leeds/Bradford ATIS 118.025 MHz
Manchester Information 128.175
Manchester Departure ATIS 121.975
London VOLMET North 125.595 and 126.605 MHz

VOLMET, like all en route services, is transmitted from two sites simultaneously

All VHF Air-Ground-Air services are a.m.

Whether or not you are in ground range of these obviously depends upon your geographical location, which, I assume, is UK Midlands.

73

Tim

G3PJD
QTHR QRZ.com

9687. ICOM Trancceiver based system help

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-26 11:00:20 UTC
From: shakeelj2k@...
Topic: 9687 Message: 9687

Dear all
I have the following items ,I need to track any amateur. I am new to this area. please guide/help how to proceed.
1. ICOM Transceiver 91002. RS-232 Cable for interface ICOM specs/Part number CI-V3. DIAMOND Antenna UHF and VHF(70Cm,2M)4.ICOM AMF AG-25 and AG-35

Please help what are the steps and cables (if anyother) and what type of programming required to track my first satellite pass in this amateur satellite world. thanking to all of you in advance. I dont have rotor so I need to track any satellite manually.
Saadr

9688. Re:: ICOM Trancceiver based system help

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-26 13:03:51 UTC
From: wageners@...
Topic: 9687 Message: 9688

Although dated, this will get you going:

http://rsgb.org/main/files/2012/07/satellites_radcom_mar07.pdf
http://rsgb.org/main/files/2012/07/satellites_radcom_mar07.pdf

Stefan

9689. AW: [FUNcube] ICOM Trancceiver based system help

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-26 14:15:53 UTC
From: siegfried jackstien
Topic: 9687 Message: 9689

For tracking i take the software orbitron (can do rotator control and doppler correction)

Orbitron sends frequency to hdsdr via "mydde (dde locking soft that can be found on orbitron homepage)

Hdsdr is synced to rig via omnirig (so receive frequency of sdr soft and of the transceiver is always the same)

...

I do not have the same rig ... but in all cases the setup should be (almost) similar

....

Dg9bfc

sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@....uk]
> Gesendet: Donnerstag, 26. März 2015 11:00
> An: FUNcube@yahoogroups.co.uk
> Betreff: [FUNcube] ICOM Trancceiver based system help
>
>
>
> Dear all
> I have the following items ,I need to track any amateur. I am new to this
> area. please guide/help how to proceed.
> 1. ICOM Transceiver 91002. RS-232 Cable for interface ICOM specs/Part
> number CI-V3. DIAMOND Antenna UHF and VHF(70Cm,2M)4.ICOM AMF AG-25 and AG-
> 35
>
>
> Please help what are the steps and cables (if anyother) and what type of
> programming required to track my first satellite pass in this amateur
> satellite world. thanking to all of you in advance. I dont have rotor so
> I need to track any satellite manually.
> Saadr
>
>
>
>
>
>

9690. AW: [FUNcube] ICOM Trancceiver based system help

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-26 14:22:09 UTC
From: siegfried jackstien
Topic: 9687 Message: 9690

Another hint

Look in file section of this group under "easy to build sat antennas"

There you will find a dozen antennas (easy to build as the subject says)

And in some of the articles you may/will find useful hints about sat work

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Donnerstag, 26. März 2015 11:00
> An: FUNcube@...
> Betreff: [FUNcube] ICOM Trancceiver based system help
>
>
>
> Dear all
> I have the following items ,I need to track any amateur. I am new to this
> area. please guide/help how to proceed.
> 1. ICOM Transceiver 91002. RS-232 Cable for interface ICOM specs/Part
> number CI-V3. DIAMOND Antenna UHF and VHF(70Cm,2M)4.ICOM AMF AG-25 and AG-
> 35
>
>
> Please help what are the steps and cables (if anyother) and what type of
> programming required to track my first satellite pass in this amateur
> satellite world. thanking to all of you in advance. I dont have rotor so
> I need to track any satellite manually.
> Saadr
>
>
>
>
>
>

9691. Re: [FUNcube] ICOM Trancceiver based system help

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-26 15:22:55 UTC
From: David J Taylor
Topic: 9687 Message: 9691

Dear all
I have the following items ,I need to track any amateur. I am new to this area. please guide/help how to proceed.
1. ICOM Transceiver 91002. RS-232 Cable for interface ICOM specs/Part number CI-V3. DIAMOND Antenna UHF and VHF(70Cm,2M)4.ICOM AMF AG-25 and AG-35

Please help what are the steps and cables (if anyother) and what type of programming required to track my first satellite pass in this amateur satellite world. thanking to all of you in advance. I dont have rotor so I need to track any satellite manually.
Saadr
==========

Saadr,

You may find the pass predictions from WXtrack helpful:

http://www.satsignal.eu/software/wxtrack.htm

WXtrack can drive a number of radios directly, but I recommend using WiSPDDE for greatest versatility.

There is also an add-on which can drive your SDR radio receiver to track the frequency of the satellite to remove the Doppler effect:

http://www.satsignal.eu/software/DDETracker.html

Cheers,
David
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...

9692. Re:: Re: [FUNcube] Funcube Dongle Set Freq via HID

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-29 12:09:45 UTC
From: mhorn71@...
Topic: 9654 Message: 9692

Just to close this post off. I realised I'd missed the end of a line comment in the qthid source which states.

#define FCD_CMD_APP_SET_FREQ_HZ 101 /*!< Send with 4 byte unsigned little endian frequency in Hz, returns with actual frequency set in Hz */

So the returned value is correct.

9693. ISS SSTV + AESP-14 Deployment Video

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-03-31 16:28:17 UTC
From: M5AKA
Topic: 9693 Message: 9693

ISS Slow Scan TV Active on Weekend of April 11
http://amsat-uk.org/2015/03/31/iss-sstv/

Video of AESP-14 CubeSat deployment from ISS
http://amsat-uk.org/2015/03/30/video-of-aesp-14-cubesat-deployment-from-iss/

The UK Space Agency (UKSA) has published an article explaining to schools and other organisations what amateur radio is and how it works. Read How to ‘Make That Call': #TalkToTim on the ISS
https://space.blog.gov.uk/2015/03/27/how-to-make-that-call-talktotim-on-the-iss/

Astronaut issues challenge for UK students to “make that call”
http://amsat-uk.org/2015/03/20/astronaut-issues-challenge-for-uk-students-to-make-that-call/

---
73 Trevor M5AKA
AMSAT-UK http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9694. AO73 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-02 19:08:38 UTC
From: Graham Shirville
Topic: 9694 Message: 9694

Hi All,

Just to advise that FUNcube-1 AO73 has just (at approx 1905UTC) been commanded into continuous amateur mode for the holiday weekend. We expect to change it back to autonomous mode on Monday 6th evening.

Have FUN!

73
Graham
G3VZV

9695. RE: [FUNcube] AO73 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-02 19:29:00 UTC
From: Abdel Mesbah
Topic: 9694 Message: 9695

Thank you Graham and Happy Easter

Regards Abdel M0NPT

--- Original Message ---

From: "'Graham Shirville' g.shirville@... [FUNcube]" <FUNcube@...>
Sent: 2 April 2015 20:08
To: "AMSAT BB" <amsat-bb@amsat.org>, funcube@...
Subject: [FUNcube] AO73 mode change

Hi All,

Just to advise that FUNcube-1 AO73 has just (at approx 1905UTC) been commanded into continuous amateur mode for the holiday weekend. We expect to change it back to autonomous mode on Monday 6th evening.

Have FUN!

73
Graham
G3VZV

9696. FUNcube-1 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-06 20:32:28 UTC
From: Graham Shirville
Topic: 9696 Message: 9696

Hi All,

Just to report that, towards the end of the 20:15 UTC pass over Europe, FUNcube-1 was returned to autonomous eclipse switching mode.

This means -educational mode when in sunlight and amateur mode when in eclipse. We plan to return the spacecraft to continuous amateur mode again on Friday evening.

73

Graham
G3VZV – for the FUNcube Ops Team

9697. SdrDx 2.13w for OS X available

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-07 17:52:14 UTC
From: fyngyrz@...
Topic: 9697 Message: 9697

The 2.13w version of SdrDx for OS X is now available
and the online documentation has been updated to
reflect the changes that have been made. The Windows
version remains at 2.13e BETA, however I hope to
have an updated release for Windows shortly. I still
have more testing to do there.

SdrDx is free; it supports RFSPACE SDRs, both FunCubes,
the Andrus MK 1.5, and the AFEDRI.

The SoftRock/Peabody SDRs will also work, but it takes
some technical knowledge of scripting to make that happen.

An overview of the major changes from the previous release
(2.13e) are as follows:

o You can set one of 10 general purpose visible markers
o You can sequence all ten markers across the demodulator bandwidth
o Seven user-settable bandwidth memories with IF shift indication added
o Classic IF Shift added
o Demodulator bandwidth is now displayed as well as high and low edges
o Spectrum grids may now contain up to 40 intervals
o New TCP messages added for simpler TCP/script interaction with SdrDx
o SdrDx can emit 25 different macro TCP messages to trigger arbitrary events
o Span is now controllable from keyboard
o Zoom feature works with span to zoom in/out at demodulator frequency
o You can now pan the center frequency by the span width from keyboard
o Smooth noise floor rewritten, *much* improved spectrum, waterfall displays

You can find the 2.13w OS X release version and the 2.13e Windows BETA
version here:

http://fyngyrz.com/?p=915

Screen shot showcasing current UI:

https://www.flickr.com/photos/fyngyrz/16256853484/

Cheers!

--Ben
AA7AS

9698. ISS SSTV this weekend 145.800 FM(W)

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-11 11:42:31 UTC
From: M5AKA
Topic: 9698 Message: 9698

The International Space Station (ISS) Slow Scan Television (SSTV) is planned to be active on 145.800 MHz FM(W) during Saturday and Sunday April 11/12.

Remember to select the wider FM filter in your rig. The signal transmitted on 145.800 is 5 kHz deviation FM. Terrestrial 2m band transmissions in Europe are usually Narrow FM - 2.5 kHz deviation.

Further details at
http://amsat-uk.org/2015/03/31/iss-sstv/

73 Trevor M5AKA

9699. Firmware

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-11 15:37:08 UTC
From: Jim Sanford
Topic: 9699 Message: 9699

All:
I have a FunCube Dongle Pro, not Plus. Is the latest firmware (18j)
compatible?
Thanks & 73,
Jim
wb4gcs@...

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

9700. software

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-11 16:08:05 UTC
From: Jim Sanford
Topic: 2131 Message: 9700

All:
Trying out my FCD after over a year of inactivity. I launch WRPlus, and find out it is bricked and replaced by something else.
What are folks using for FCD software these days?

Thanks & 73,
Jim
wb4gcs@...

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

9701. Re: [FUNcube] software

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-11 16:11:50 UTC
From: Mike Seguin
Topic: 2131 Message: 9701

Hi Jim,

If you're used to WRPlus, then try HDSDR.

http://www.hdsdr.de/

Mike

On 4/11/2015 12:08 PM, Jim Sanford wb4gcs@... [FUNcube] wrote:
> All:
> Trying out my FCD after over a year of inactivity. I launch WRPlus, and
> find out it is bricked and replaced by something else.
> What are folks using for FCD software these days?
>
> Thanks & 73,
> Jim
> wb4gcs@...
>
> ---
> This email has been checked for viruses by Avast antivirus software.
> http://www.avast.com
>
>

--

73,
Mike, N1JEZ
"A closed mouth gathers no feet"

9702. Re:: Re: [FUNcube] software

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-11 16:34:42 UTC
From: wb4gcs@...
Topic: 2131 Message: 9702

Mike:
Thanks.
Have HDSDR; didn't like it much with the RTL Dongle. Trying it now with FCD, but can't change frequency???

If I bring up ExtIO and enter frequency, I get ignored.

Instructions anywhere????

Thanks!!
Jim

9703. Re: : Re: [FUNcube] software

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-11 16:53:28 UTC
From: Mike Seguin
Topic: 2131 Message: 9703

Hi Jim,

Do you have the right .dll in the HDSDR directory?

The .dll is EXTIO_FCD_G0MJW.dll for the FUNcube Pro (not plus).

You tune the dongle via the LO setting in HDSDR. Use your mouse wheel to
roll the freq up/dwn and you'll see the change in the .dll Frequency window.

Mike

On 4/11/2015 12:34 PM, wb4gcs@... [FUNcube] wrote:
> Mike:
> Thanks.
> Have HDSDR; didn't like it much with the RTL Dongle. Trying it now with
> FCD, but can't change frequency???
>
> If I bring up ExtIO and enter frequency, I get ignored.
>
> Instructions anywhere????
>
> Thanks!!
> Jim
>
>

--

73,
Mike, N1JEZ
"A closed mouth gathers no feet"

9704. Re:: Re: : Re: [FUNcube] software

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-11 17:44:29 UTC
From: wb4gcs@...
Topic: 2131 Message: 9704

Yep, and it is now working.

Noticed there's an ExtIO for Softrock 9.0 . .. .do you happen to know if that works with the UHFSDR? Would be awesome if it did.

Ultimate goal is to get the FunCube working with a Raspberry Pi to extend USB over ethernet. Then the FCD goes out to the tower, hooked to a 4-bay Squalo . . . . have a omni "detection" receiver, to spot activity.

Jim

9705. Re: : Re: : Re: [FUNcube] software

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-11 17:50:33 UTC
From: Mike Seguin
Topic: 2131 Message: 9705

Great!

I don't know if that EXTIO works with UHFSDR....

Sounds like a neat project with the Pi. Good Luck!

Mike

On 4/11/2015 1:44 PM, wb4gcs@... [FUNcube] wrote:
> Yep, and it is now working.
>
> Noticed there's an ExtIO for Softrock 9.0 . .. .do you happen to know if
> that works with the UHFSDR? Would be awesome if it did.
>
> Ultimate goal is to get the FunCube working with a Raspberry Pi to
> extend USB over ethernet. Then the FCD goes out to the tower, hooked to
> a 4-bay Squalo . . . . have a omni "detection" receiver, to spot activity.
>
> Jim
>
>

--

73,
Mike, N1JEZ
"A closed mouth gathers no feet"

9706. Re: [FUNcube] software

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-11 18:08:03 UTC
From: jose maria trueba
Topic: 2131 Message: 9706

I use sdr-radio v1.5.

2015-04-11 18:11 GMT+02:00 Mike Seguin n1jez@burlingtontelecom.net
[FUNcube] <FUNcube@...>:

>
>
> Hi Jim,
>
> If you're used to WRPlus, then try HDSDR.
>
> http://www.hdsdr.de/
>
> Mike
>
> On 4/11/2015 12:08 PM, Jim Sanford wb4gcs@... [FUNcube] wrote:
> > All:
> > Trying out my FCD after over a year of inactivity. I launch WRPlus, and
> > find out it is bricked and replaced by something else.
> > What are folks using for FCD software these days?
> >
> > Thanks & 73,
> > Jim
> > wb4gcs@...
> >
> > ---
> > This email has been checked for viruses by Avast antivirus software.
> > http://www.avast.com
> >
> >
>
> --
>
> 73,
> Mike, N1JEZ
> "A closed mouth gathers no feet"
>
>

9707. Re: : Re: : Re: [FUNcube] software

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-11 18:20:03 UTC
From: Chuck Ritola
Topic: 2131 Message: 9707

USBIP with FCDPP on the rPI is not good. In summary, the rPI's USB interface has isochronous transfer rate limitations which make using the FCDPP as-is impossible or impractically flaky at best.

Howard implemented new firmware which will reduce the bandwidth of the FCDPP to work around these limitations. It is not clear whether or not the rPI can handle shipping out that USB data over ethernet while it is also handling the incoming traffic from the dongle itself.

http://www.funcubedongle.com/?p=1647

On Sat, Apr 11, 2015 at 1:50 PM, Mike Seguin n1jez@...
[FUNcube] <FUNcube@...> wrote:

>
>
> Great!
>
> I don't know if that EXTIO works with UHFSDR....
>
> Sounds like a neat project with the Pi. Good Luck!
>
> Mike
>
> On 4/11/2015 1:44 PM, wb4gcs@... [FUNcube] wrote:
> > Yep, and it is now working.
> >
> > Noticed there's an ExtIO for Softrock 9.0 . .. .do you happen to know if
> > that works with the UHFSDR? Would be awesome if it did.
> >
> > Ultimate goal is to get the FunCube working with a Raspberry Pi to
> > extend USB over ethernet. Then the FCD goes out to the tower, hooked to
> > a 4-bay Squalo . . . . have a omni "detection" receiver, to spot
> activity.
> >
> > Jim
> >
> >
>
> --
>
> 73,
> Mike, N1JEZ
> "A closed mouth gathers no feet"
>
>

9708. FunCube Dongle Pro and Raspberry Pi

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-12 14:19:45 UTC
From: Jim Sanford
Topic: 9708 Message: 9708

All:

I am trying to use VirtualHere USB server on Raspberry Pi and Windows 7 client to remotely locate my FCDPro (NOT plus).
Windows 7 sees the FCD and calls it a soundcard, but HDSDR sees it as a microphone, and appears to not be able to control it, and is getting nothing from it. Windows Device Manager reports that it is working properly and is using the most up to date driver, from Microsoft.

Has anybody successfully done this? Any advice??

Second, and this part is probably for Howard: Does the FCD appear as one or more USB devices. Specifically, does the hardware that ExtIO dll talks to appear as a second USB device, or is the sound card and the tuning control a single device?

If more than one device, then this could explain my problem, because the free version of VirtualHere only allows one device. It does not report a second device, just the sound card, USB keyboard and USB mouse. I've selected the sound card.

Thanks!!
Jim
wb4gcs@...

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

9709. Re: [FUNcube] FunCube Dongle Pro and Raspberry Pi

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-12 22:03:40 UTC
From: Chuck Ritola
Topic: 9708 Message: 9709

It won't work without Howard's modified firmware which reduces the bandwidth.
http://www.funcubedongle.com/?p=1647
Here's why:
https://www.virtualhere.com/node/417

On Sun, Apr 12, 2015 at 10:19 AM, Jim Sanford wb4gcs@amsat.org [FUNcube] <FUNcube@...> wrote:

>
>
> All:
>
> I am trying to use VirtualHere USB server on Raspberry Pi and Windows 7
> client to remotely locate my FCDPro (NOT plus).
> Windows 7 sees the FCD and calls it a soundcard, but HDSDR sees it as a
> microphone, and appears to not be able to control it, and is getting
> nothing from it. Windows Device Manager reports that it is working
> properly and is using the most up to date driver, from Microsoft.
>
> Has anybody successfully done this? Any advice??
>
> Second, and this part is probably for Howard: Does the FCD appear as
> one or more USB devices. Specifically, does the hardware that ExtIO dll
> talks to appear as a second USB device, or is the sound card and the
> tuning control a single device?
>
> If more than one device, then this could explain my problem, because the
> free version of VirtualHere only allows one device. It does not report
> a second device, just the sound card, USB keyboard and USB mouse. I've
> selected the sound card.
>
> Thanks!!
> Jim
> wb4gcs@...
>
> ---
> This email has been checked for viruses by Avast antivirus software.
> http://www.avast.com
>
>
>

9710. Re: [FUNcube] FunCube Dongle Pro and Raspberry Pi

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-12 22:13:21 UTC
From: Chuck Ritola
Topic: 9708 Message: 9710

oops, sorry, didn't catch the lack of a "+" at the end of FCDPro.

It should work in principle; I was able to send FCDP(P) both tuner and audio stream devices using the demo, never had such luck from the rPI as server though. Microphone makes sense because the FCD registers as an audio input ("microphone"); that's how it gets the audio to the software. There should also be another Human Interface sub-device next to the audio device on the client's list.

On Sun, Apr 12, 2015 at 6:03 PM, Chuck Ritola <cjritola@...> wrote:

> It won't work without Howard's modified firmware which reduces the
> bandwidth.
> http://www.funcubedongle.com/?p=1647
> Here's why:
> https://www.virtualhere.com/node/417
>
>
>
> On Sun, Apr 12, 2015 at 10:19 AM, Jim Sanford wb4gcs@... [FUNcube] <
> FUNcube@...> wrote:
>
>>
>>
>> All:
>>
>> I am trying to use VirtualHere USB server on Raspberry Pi and Windows 7
>> client to remotely locate my FCDPro (NOT plus).
>> Windows 7 sees the FCD and calls it a soundcard, but HDSDR sees it as a
>> microphone, and appears to not be able to control it, and is getting
>> nothing from it. Windows Device Manager reports that it is working
>> properly and is using the most up to date driver, from Microsoft.
>>
>> Has anybody successfully done this? Any advice??
>>
>> Second, and this part is probably for Howard: Does the FCD appear as
>> one or more USB devices. Specifically, does the hardware that ExtIO dll
>> talks to appear as a second USB device, or is the sound card and the
>> tuning control a single device?
>>
>> If more than one device, then this could explain my problem, because the
>> free version of VirtualHere only allows one device. It does not report
>> a second device, just the sound card, USB keyboard and USB mouse. I've
>> selected the sound card.
>>
>> Thanks!!

>> Jim
>> wb4gcs@...
>>
>> ---
>> This email has been checked for viruses by Avast antivirus software.
>> http://www.avast.com
>>
>>
>>
>
>

9711. RE: [FUNcube] FunCube Dongle Pro and Raspberry Pi

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-13 12:10:24 UTC
From: Chris GW6KZZ
Topic: 9708 Message: 9711

Chuck;

Howard and others have a new way around the bandwidth problem by using Raspberry Pi 2

http://www.funcubedongle.com/?p=1683

Chris

GW6KZZ

From: FUNcube@... [mailto:FUNcube@...]
Sent: 12 April 2015 23:04
To: FUNcube@...
Subject: Re: [FUNcube] FunCube Dongle Pro and Raspberry Pi

It won't work without Howard's modified firmware which reduces the bandwidth.

http://www.funcubedongle.com/?p=1647

Here's why:

https://www.virtualhere.com/node/417

On Sun, Apr 12, 2015 at 10:19 AM, Jim Sanford wb4gcs@... [FUNcube] <FUNcube@...> wrote:

All:

I am trying to use VirtualHere USB server on Raspberry Pi and Windows 7
client to remotely locate my FCDPro (NOT plus).
Windows 7 sees the FCD and calls it a soundcard, but HDSDR sees it as a
microphone, and appears to not be able to control it, and is getting
nothing from it. Windows Device Manager reports that it is working
properly and is using the most up to date driver, from Microsoft.

Has anybody successfully done this? Any advice??

Second, and this part is probably for Howard: Does the FCD appear as
one or more USB devices. Specifically, does the hardware that ExtIO dll
talks to appear as a second USB device, or is the sound card and the
tuning control a single device?

If more than one device, then this could explain my problem, because the
free version of VirtualHere only allows one device. It does not report
a second device, just the sound card, USB keyboard and USB mouse. I've
selected the sound card.

Thanks!!
Jim
wb4gcs@...

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

9712. Re: [FUNcube] FunCube Dongle Pro and Raspberry Pi

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-15 07:17:11 UTC
From: Alan
Topic: 9708 Message: 9712

Original Message -----
Subject: [FUNcube] FunCube Dongle Pro and Raspberry Pi

> Windows 7
> client to remotely locate my FCDPro (NOT plus).
> Windows 7 sees the FCD and calls it a soundcard, but HDSDR sees it as a
> microphone, and appears to not be able to control it, and is getting
> nothing from it. Windows Device Manager reports that it is working
> properly and is using the most up to date driver, from Microsoft.
>

Jim

HDSDR works with many radios, you have to put the correct DLL in the program folder
http://www.hdsdr.de/hardware.html

As others say, it appears as a sound device and HID in Windows.

73 Alan G4ZFQ

9713. FCD Pro+ / Raspberry Pi / WJST combo

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-15 16:15:16 UTC
From: g4urt@...
Topic: 9713 Message: 9713

Hi,

This query straddles 3 different Yahoo groups but you have to start somewhere!!!

Has anyone successfully married up the FCD Pro+ with a Raspberry Pi to run any of the WJST amateur radio programs?

For those who don't know about WJST they are a series of programs which are used to decode various forms of digitally generated signals on the amateur radio bands.

I'm especially interested if anyone has used the WJST JT65b mode (2m EME) with the FCD and Raspberry Pi.

Thanks, Peter G4URT

9714. Re:: FCD Pro+ / Raspberry Pi / WJST combo

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-15 17:28:51 UTC
From: g4urt@...
Topic: 9713 Message: 9714

Dooh - bit of 'frack to bunt' typing here - WSJT not WJST!!

9715. ISS SSTV Video and WebSDRs

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-15 18:07:37 UTC
From: M5AKA
Topic: 9715 Message: 9715

ISS Ham Radio SSTV Video
http://amsat-uk.org/2015/04/15/iss-ham-radio-sstv-video/

ISS SSTV in the UK Press
http://amsat-uk.org/2015/04/15/iss-sstv-in-the-press/

Using SUWS and other WebSDRs Worldwide for the ISS
http://amsat-uk.org/2015/04/14/using-websdrs-for-iss/

Hacker at AMSAT/TAPR Dayton Banquet
http://amsat-uk.org/2015/04/12/hacker-at-amsat-tapr-banquet/

NASA adding to list of CubeSats flying on first SLS mission
http://spaceflightnow.com/2015/04/08/nasa-adding-to-list-of-cubesats-flying-on-first-sls-mission/

TV Channel 2 on student satellites (in Hebrew)
https://www.facebook.com/amsatuk/posts/868613906514993

Trevor M5AKA
AMSAT-UK http://amsat-uk.org/
Facebook https://www.facebook.com/amsatuk
Twitter https://twitter.com/AMSAT_UK

9716. FUNcube-1 Update

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-16 07:19:07 UTC
From: Graham Shirville
Topic: 9716 Message: 9716

Hi all,

It appears that FUNcube-1 stopped transmitting last evening.

The FUNcube operations team are presently reviewing the latest available telemetry and will be commanding the spacecraft later today, but maybe not until this evening’s passes over Europe.

73

Graham
G3VZV

9717. Re: FUNcube-1 Update

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-16 09:45:54 UTC
From: Graham Shirville
Topic: 9716 Message: 9717
Attachments: 1 described; binary payloads are missing from this source WARC

Hi All,

I am delighted to have been proved wrong

FUNcube-1 has already been restarted. Actually during the 0925 UTC pass over Europe.

An initial review of the telemetry indicates that all is well on board.

Many thanks for all the reports that we have received.

73

Graham
G3VZV

From: Graham Shirville
Sent: Thursday, April 16, 2015 8:19 AM
To: AMSAT BB ; funcube@yahoogroups.co.uk
Subject: FUNcube-1 Update

Hi all,

It appears that FUNcube-1 stopped transmitting last evening.

The FUNcube operations team are presently reviewing the latest available telemetry and will be commanding the spacecraft later today, but maybe not until this evening’s passes over Europe.

73

Graham
G3VZV

9718. Re:: FCD Pro+ / Raspberry Pi / WJST combo

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-16 10:30:58 UTC
From: g4bbh@...
Topic: 9713 Message: 9718

As I understand it there are many problems with the original RPi due to the USB handling and general CPU power. Howard commented a couple of months ago on usig the RPi2B and FCDPP with success and no USB problems although he does not mention what software was involved.
Raspberry Pi 2 and FUNcube Dongle Pro Plus | FUNcube Dongle
http://www.funcubedongle.com/?p=1683

http://www.funcubedongle.com/?p=1683

Raspberry Pi 2 and FUNcube Dongle Pro Plus | FUNcub...
http://www.funcubedongle.com/?p=1683 Folks, Today we spent some time with the new Raspberry Pi 2 and the FUNcube Dongle Pro Plus.

View on www.funcubedongle... http://www.funcubedongle.com/?p=1683
Preview by Yahoo

I have an RPi2B and WSPR works *much* faster using asound card so I would think that the potential is there in the new RPI but probabl not worth trying on the original RPi. So far I have not seen anyapplications using the FCDPP and I am also waiting in anticipation.
Dick G4BBH

9719. (no subject)

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-16 11:03:20 UTC
From: Gareth Jones
Topic: 9719 Message: 9719

Hi there guys.I am new to this but are really keen.Can anyone tell me what frequencies are involved?Much appreciated..73'sGareth 2E0GGO..

9720. Re: (no subject)

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-16 14:23:07 UTC
From: David Haworth
Topic: 9720 Message: 9720

For FUNcube-1 (AO73) frequencies see
http://funcube.org.uk <http://funcube.org.uk/>

73,
Clear and dark skies without RFI,
David Haworth, WA9ONY
http://www.stargazing.net/david <http://www.stargazing.net/david>
davidahaworth@...

9721. Re: [FUNcube] Re:: FCD Pro+ / Raspberry Pi / WJST combo

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-16 18:09:50 UTC
From: g4urt@...
Topic: 9713 Message: 9721

Dick,

Thanks for info. What I want to do is have a small, self contained box containing the FCD and the RPi which I can plug a small KB and monitor into purely for WSJT JT65b reception and free up a dying laptop!

If you hear of anything please let me know!!

Cheers, Peter G4URT

From: "g4bbh@... [FUNcube]" <FUNcube@yahoogroups.co.uk>
To: FUNcube@...
Sent: Thursday, 16 April 2015, 11:30
Subject: [FUNcube] Re:: FCD Pro+ / Raspberry Pi / WJST combo

As I understand it there are many problems with the original RPi due to the USB handling and general CPU power. Howard commented a couple of months ago on usig the RPi2B and FCDPP with success and no USB problems although he does not mention what software was involved.
Raspberry Pi 2 and FUNcube Dongle Pro Plus | FUNcube Dongle

Raspberry Pi 2 and FUNcube Dongle Pro Plus | FUNcub...
Folks, Today we spent some time with the new Raspberry Pi 2 and the FUNcube Dongle Pro Plus.
View on www.funcubedongle... Preview by Yahoo
  I have an RPi2B and WSPR works *much* faster using asound card so I would think that the potential is there in the new RPI but probabl not worth trying on the original RPi. So far I have not seen anyapplications using the FCDPP and I am also waiting in anticipation.Dick G4BBH

9722. FUNcube-1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-17 20:25:56 UTC
From: Graham Shirville
Topic: 9722 Message: 9722

FUNcube-1 has now been set to full time amateur mode for the weekend!

Enjoy and have fun

73

Graham
G3VZV

9723. SdrDx 2.14o for Windows and OS X available

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-21 23:21:22 UTC
From: fyngyrz@...
Topic: 9723 Message: 9723

The 2.14o version of SdrDx for OS X ** and ** Windows is
now available and the online documentation has been updated
to reflect the changes that have been made.

SdrDx is free; it supports RFSPACE SDRs, both FunCubes,
the Andrus MK 1.5, and the AFEDRI.

The SoftRock/Peabody SDRs will also work, but it takes
some technical knowledge of scripting to make that happen.

An overview of the major changes from the previous release
that cover from with Windows (2.13e) goes as follows:

o [PAL] has brand new palettes, gamma-corrected greyscale and rainbow
o [SCP] mode for the scope adds a constantly available AGC channel
o [SCP] mode adds trigger markers for new [SSP] DSP
o Range and Intercept for waterfall both increased in range
o AGC/S chain completely reworked for higher accuracy
o [SSP] specialized DSP for SSB
o Palette dialog improved
o [-Ri] is now variable
o [TDM] filter is now frequency-agile
o [DOW] now presents as a variable intensity overlay
o New keystroke reference material
o [SPL] deleterious effect on [CAR] resolved

----- The following OS X changes are now available for Windows -----

o You can set one of 10 general purpose visible markers
o You can sequence all ten markers across the demodulator bandwidth
o Classic IF Shift added
o Seven user-settable bandwidth memories with IF shift indication added
o Demodulator bandwidth is now displayed as well as high and low edges
o Spectrum grids may now contain up to 40 intervals
o New TCP messages added for simpler TCP/script interaction with SdrDx
o SdrDx can emit 25 different macro TCP messages to trigger arbitrary events
o Span is now controllable from keyboard
o Zoom feature works with span to zoom in/out at demodulator frequency
o You can now pan the center frequency by the span width from keyboard
o Smooth noise floor rewritten, *much* improved spectrum, waterfall displays

+ bugfixes and a bunch of small stuff.

You can find the 2.14o OS X release version and the 2.14o Windows BETA
version here:

http://fyngyrz.com/?p=915

Screen shot showcasing current UI:

https://www.flickr.com/photos/fyngyrz/17020439677/

Cheers!

--Ben
AA7AS

9724. Re: [FUNcube] SdrDx 2.14o for Windows and OS X available

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-22 05:17:28 UTC
From: Alan
Topic: 9723 Message: 9724

Original Message -----
Subject: [FUNcube] SdrDx 2.14o for Windows and OS X available

>
> You can find the 2.14o OS X release version and the 2.14o Windows BETA
> version here:
>
> http://fyngyrz.com/?p=915
>

Ben

I clicked on the Windows Beta and got a 403 saying I should not do that...

73 Alan G4ZFQ

9725. Re: [FUNcube] SdrDx 2.14o for Windows and OS X available

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-22 06:45:28 UTC
From: Alan
Topic: 9723 Message: 9725

Original Message -----
Subject: Re: [FUNcube] SdrDx 2.14o for Windows and OS X available

>
> I clicked on the Windows Beta and got a 403 saying I should not do that...
>

But it works now.
I'm probably guilty of impatience:)

73 Alan G4ZFQ

9726. Re: [FUNcube] SdrDx 2.14o for Windows and OS X available

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-22 08:40:27 UTC
From: Alan
Topic: 9723 Message: 9726

----- Original Message -----
Subject: Re: [FUNcube] SdrDx 2.14o for Windows and OS X available

Windows XP

Seems important http://fyngyrz.com/sdrdxdoc/tuning.html#tent23

Of course I played first.

This seems a problem for Windows users http://fyngyrz.com/sdrdxdoc/tuning.html#tent22
cannot just close the program.

This seems to be the only FCD reference? http://fyngyrz.com/sdrdxdoc/tuning3.html#tent28
Where are the gain controls?
Struggling, not got the tuning working properly.... Yes I have swapped IQ but it is not tuning now.

But that's not surprising after looking at the very comprehensive fine manual.
Would it be best to delete and start again?
Are there settings stored outside the main folder that will need removing?

73 Alan G4ZFQ

9727. Re:: SdrDx 2.14o for Windows and OS X available

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-22 22:31:14 UTC
From: ka6tya@...
Topic: 9723 Message: 9727

Where can I find how to install the OSX version?

9728. Re:: SdrDx 2.14o for Windows and OS X available

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-23 10:08:57 UTC
From: fyngyrz@...
Topic: 9723 Message: 9728

There's no installation required. Uncompress the download, and that will produce a folder with stuff in it. Use your mouse to open the folder. Click on the SdrDx application. That's it.

As we're in the funcube group here, I presume you have a funcube attached.

Click on the FCD button. Should start right up.

Now read the manual. All of it. :)

--Ben
AA7AS

9729. Re: [FUNcube] Re:: SdrDx 2.14o for Windows and OS X available

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-23 10:35:37 UTC
From: Andrea Lawendel
Topic: 9723 Message: 9729

Hi Ben, a great piece of software for sure! I've been trying the new version on the .wav samples provided and it's amazing to see an advanced SDR client running natively on Mac with a simple double click after download. I wonder if wide band FM and RDS decoding is or will be implemented in the future?

Many thanks!
Andy, Milan

On Thu, Apr 23, 2015 at 12:08 PM, fyngyrz@... [FUNcube] <FUNcube@...> wrote:

>
>
> There's no installation required. Uncompress the download, and that will
> produce a folder with stuff in it. Use your mouse to open the folder. Click
> on the SdrDx application. That's it.
>
> As we're in the funcube group here, I presume you have a funcube attached.
>
> Click on the FCD button. Should start right up.
>
> Now read the manual. All of it. :)
>
> --Ben
> AA7AS
>
>

9730. Re:: Re: [FUNcube] SdrDx 2.14o for Windows and OS X available

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-23 10:49:23 UTC
From: fyngyrz@...
Topic: 9723 Message: 9730

By gain controls... what you'd consider the RF gain is the I/R slider. -120 is max gain; I generally leave it there.

For Windows:

Open the FCD controls with a right-click on the button, and set a sample rate of 40 kHz. 40 kHz is the fastest you can sample under windows that is an even multiple of 10 kHz, which you need for tuining accuracy.

For OS X:

Open the FCD controls with a right-click on the button, and set a sample rate of 50 kHz. You can experiement with higher rates later. For now, lets just get going.

Checkmark the FCDP+ box if you have a plus. Then close the dialog.

Left-click FCD to run. Shouldn't have to reverse the IQ, I wouldn't think. I don't, anyway.

Windows:

Adjust the span controls to 40 kHz to match the sample rate of the FCD.

OS X:

Adjust the span controls to 50 kHz to match the sample rate of the FCD.

Probably the first thing to do after that is click ZE to reduce the funcube's center imbalance.

Even so, mine has such an extreme imbalance that it can't be completely corrected. Consequently, I never tune to anything at the center -- for instance, if I want to listen to 1110 kHz, I set the center to 1100, then tune 10 kc to the side. That keeps the center imbalance from hosing the Am signal. SSB is less sensitive, but it's still better to avoid that center spike with the FCD.

--Ben
AA7AS

9731. Re:: SdrDx 2.14o for Windows and OS X available

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-23 11:39:20 UTC
From: fyngyrz@...
Topic: 9723 Message: 9731

I looked at the docs, and indeed I have been delinquent in really talking about the Funcubes. My apologies.

I've written up what I hope is the information required for an easy Funcube start-up; if it doesn't work for you, let me know, and I'll work it out until the docs match the actual experience. I did develop these docs by starting fresh with a Funcube, so hopefully they'll serve the purpose as they stand. But I am *very* willing to add more information if you find them lacking. Just tell me.

You'll find the new section on Funcube startup here:

SdrDx Documentation -- New Installs (page 7) http://fyngyrz.com/sdrdxdoc/newinstalls.html

SdrDx Documentation -- New Installs (page 7) http://fyngyrz.com/sdrdxdoc/newinstalls.html 3.2 - New Installs 3.2.1 - The Funcube Make sure your Funcube is plugged into a fast USB port. All USB ports are not equal; particularly on various Macs.

View on fyngyrz.com http://fyngyrz.com/sdrdxdoc/newinstalls.html
Preview by Yahoo

9732. Nayif-1 CubeSat Mission with FUNcube Transponder

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-25 11:08:59 UTC
From: M5AKA
Topic: 9732 Message: 9732

Nayif-1 CubeSat Mission with FUNcube Transponder
http://amsat-uk.org/2015/04/25/nayif-1-cubesat-mission/

Ofcom considers 10.475 GHz and 47 GHz bands for 5G
http://amsat-uk.org/2015/04/20/ofcom-considers-10-475-ghz-and-47-ghz-bands-for-5g/

Kosmos-2504 pushes target off its orbit
http://amsat-uk.org/2015/04/18/kosmos-2504-pushes-target-off-its-orbit/

ISS 2395 MHz Digital Amateur TV Blank Transmission Test
http://amsat-uk.org/2015/04/18/iss-2395-mhz-digital-amateur-tv-blank-transmission-test/

The 2015 CubeSat Workshop took place on Wednesday, April 1 at the University of New South Wales (UNSW). Videos of the presentations are now available on YouTube.
http://amsat-uk.org/2015/04/20/launching-cubesats-for-and-from-australia/

Trevor M5AKA
AMSAT-UK http://amsat-uk.org/Twitter https://twitter.com/AmsatUK
Facebook https://www.facebook.com/AmsatUK
Flickr https://www.flickr.com/groups/AmsatUK
YouTube https://youtube.com/AmsatUK

9733. Another FUNcube Transponder

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-30 15:14:22 UTC
From: M5AKA
Topic: 9733 Message: 9733

The FUNcube transponder on QB50P1 was tested on Monday, April 27
http://amsat-uk.org/2015/04/30/another-funcube-transponder/

Trevor M5AKA
AMSAT-UK http://amsat-uk.org/Twitter https://twitter.com/AmsatUK
Facebook https://www.facebook.com/AmsatUK
Flickr https://www.flickr.com/groups/AmsatUK
YouTube https://youtube.com/AmsatUK

9734. Re:: FunCube Dongle Pro and Raspberry Pi

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-30 22:58:21 UTC
From: wb4gcs@...
Topic: 9708 Message: 9734

Alan:
I have the right DLL, the FCD works fine plugged directly into the laptop. It's when I plug into the Pi2 and access using virtualhere that it doesn't work.

Thanks,
Jim
wb4gcs@amsat.org

9735. Re:: FunCube Dongle Pro and Raspberry Pi

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-04-30 23:01:22 UTC
From: wb4gcs@...
Topic: 9708 Message: 9735

Alan:

I have the right DLL installed; the FCD works fine when plugged in to the laptop. A bit fuzzy on seeing the HID, even when it is working -- how do I see that in Win7??

It does not work when plugged in to the Pi. I see the FCD soundcard in Windows, and lots of HID, but nothing easily identifiable as the FCD -- nor do I in Windows.

Suggestions??

Thanks,
Jim

9736. FUNcube-3 Transponder Test May 4

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-05-03 09:07:40 UTC
From: M5AKA
Topic: 9736 Message: 9736

EO-79 (FUNcube-3) Transponder Test May 4
http://amsat-uk.org/2015/05/03/eo-79-transponder-may-4/

Payload opportunity on 2016 launch for UniSat-7 with CubeSats and PocketQubes
http://amsat-uk.org/2015/04/28/unisat-7-cubesats-pocketqubes/

HamTV - ISS Digital TV on 2395 MHz - Blank Transmission Test
http://www.spaceflightsoftware.com/ARISS_FSTV/index.php

Extreme relativistic electron fluxes at geosynchronous orbit: Analysis of GOES E > 2 MeV electrons
http://www.antarctica.ac.uk/about_bas/publications/month/paper.php?id=2974

Trevor M5AKA
AMSAT-UK http://amsat-uk.org/Twitter https://twitter.com/AmsatUKFacebook https://www.facebook.com/AmsatUKFlickr https://www.flickr.com/groups/AmsatUKYouTube https://youtube.com/AmsatUK----

9737. FUNcube-1 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-05-10 20:39:27 UTC
From: Graham Shirville
Topic: 9696 Message: 9737

Hi All,

Just to report that FUNcube-1 was switched back to autonomous mode around 20:25 UTC this evening.

We have received a request to provide an extended period of continuous amateur mode this coming weekend from Friday morning 15th May until Sunday evening 17th May. This will support AMSAT transponder operations during the whole of the Dayton Hamvention event.

Unless we hear that this change will interfere with any planned schools activities during Friday 15th we will arrange for the transponder to switch on during the first suitable pass over EU on Friday morning.

73

Graham – G3VZV
for the FUNcube Ops Team

9738. Re: [FUNcube] FUNcube-1 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-05-11 08:11:52 UTC
From: ciobanu constantin
Topic: 9696 Message: 9738

73

On Sunday, May 10, 2015 11:39 PM, "'Graham Shirville' g.shirville@... [FUNcube]" <FUNcube@...> wrote:

Hi All, Just to report that FUNcube-1 was switched back to autonomous mode around 20:25 UTC this evening. We have received a request to provide an extended period of continuous amateur mode this coming weekend from Friday morning 15th May until Sunday evening 17th May. This will support AMSAT transponder operations during the whole of the Dayton Hamvention event. Unless we hear that this change will interfere with any planned schools activities during Friday 15th we will arrange for the transponder to switch on during the first suitable pass over EU on Friday morning. 73 Graham – G3VZVfor the FUNcube Ops Team

9739. FUNcube 73 on 73 Award + Sarah Brightman Mission Postponed

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-05-13 17:31:29 UTC
From: M5AKA
Topic: 9739 Message: 9739

First all CW 73 on 73 Award
http://amsat-uk.org/2015/05/12/first-all-cw-73-on-73-award/

Sarah Brightman – Space Flight Postponed
http://amsat-uk.org/2015/05/13/sarah-brightman-space-flight-postponed/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
Flickr https://flickr.com/groups/AmsatUK
YouTube https://youtube.com/AmsatUK
Yahoo Group http://groups.yahoo.com/group/FUNcube

9740. Beijing launch + Ballons this Sunday + PSK31 Sat Transponder

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-05-22 15:12:29 UTC
From: M5AKA
Topic: 9740 Message: 9740

Beijing may launch amateur satellites in July. One report says 20 CubeSats ?
http://amsat-uk.org/2015/05/22/beijing-satellites/
PSK31 and APRS CubeSat Status Update
http://amsat-uk.org/2015/05/22/usna-cubesat-status-update/

Mass 434 MHz Balloon Launch Sunday
http://amsat-uk.org/2015/05/21/balloon-launch-sunday/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9741. RE: [FUNcube] Beijing launch + Ballons this Sunday + PSK31 Sat Transponder

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-05-22 19:44:05 UTC
From: Simon Brown
Topic: 9740 Message: 9741

Excellent news. Must get that mast planted in the garden!

Simon Brown G4ELI
http://v2.sdr-radio.com

From: FUNcube@... [mailto:FUNcube@...]
Sent: 22 May 2015 16:12
To: FUNcube Group
Subject: [FUNcube] Beijing launch + Ballons this Sunday + PSK31 Sat Transponder

Beijing may launch amateur satellites in July. One report says 20 CubeSats ?

http://amsat-uk.org/2015/05/22/beijing-satellites/

PSK31 and APRS CubeSat Status Update
http://amsat-uk.org/2015/05/22/usna-cubesat-status-update/

Mass 434 MHz Balloon Launch Sunday
http://amsat-uk.org/2015/05/21/balloon-launch-sunday/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9742. Nine CAS-3 satellites to launch in July

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-05-24 18:44:32 UTC
From: M5AKA
Topic: 9742 Message: 9742

Alan BA1DU has provided some additional information on the July launch and has confirmed that CAS-2A and CAS-2B, also with linear transponders, will be launched at a later date.
Nine CAS-3 amateur radio satellites to launch in July
http://amsat-uk.org/2015/05/24/nine-cas-3-ham-radio-satellites/

73 Trevor M5AKA

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Facebook https://facebook.com/AmsatUK

9743. FUNcube-1 Mode changes

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-05-24 22:10:15 UTC
From: Graham Shirville
Topic: 9743 Message: 9743

Hi All,

Just to confirm that FUNcube-1 was commanded back into autonomous mode this evening at around 22:00 UTC.

We are planning on switching back to continuous Amateur Mode next weekend but will be making this change, exceptionally, during one of the Friday morning passes over Europe rather than in the evening. This is to enable the FUNcube development team to attend a meeting over the weekend.

best 73

Graham
G3VZV

9744. OSCAR News articles wanted + Listen out for LightSail-1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-05-27 08:45:19 UTC
From: M5AKA
Topic: 9744 Message: 9744

Any articles for the next issue of the AMSAT-UK publication OSCAR News would be gratefully received by the Editors Jim Heck G3WGM and Graham Shirville G3VZV. Their contact details are at
http://amsat-uk.org/about/contact-us/

The LightSail satellite has stopped transmitting. The team is attempting a reboot.The telemetry data is sent on a downlink of 437.435 MHz, AX.25, 9600 bps FSK.
http://amsat-uk.org/2015/05/26/lightsail-1-stops-transmitting/

UK radio amateurs use PSK31 satellite transponder
http://amsat-uk.org/2015/05/26/uk-hams-use-psk31-transponder/

29 MHz – the forgotten frequency for amateur radio satellites
http://amsat-uk.org/2015/05/25/29-mhz-satellite-uplinks/

Nine CAS-3 amateur radio satellites to launch in July
http://amsat-uk.org/2015/05/24/nine-cas-3-ham-radio-satellites/

Adding new satellites to SatPC32, Gpredict and Nova
http://amsat-uk.org/2013/11/23/adding-new-satellites-to-satpc32/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9745. FUNcube-1 Mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-05-29 11:08:14 UTC
From: Graham Shirville
Topic: 9745 Message: 9745

Hi All,

Just confirm that FUNcube-1 was commanded into amateur mode at approx 10:54UTC this morning as planned for the weekend.

It is likely that the normal switch back to autonomous operation will not take place until one of the Monday (June 1st) morning passes.

73
Graham
G3VZV

9746. Martlesham FUNcube Development Workshop May 30-31 Report

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-05-31 19:00:49 UTC
From: M5AKA
Topic: 9746 Message: 9746

Martlesham FUNcube Development Workshop Report
http://amsat-uk.org/2015/05/31/martlesham-funcube-development-workshop-report/

LightSail Signal Heard
http://amsat-uk.org/2015/05/31/lightsail-signal-heard/

UK radio amateurs use PSK31 satellite transponder
http://amsat-uk.org/2015/05/26/uk-hams-use-psk31-transponder/

Adding new satellites to SatPC32, Gpredict and Nova
http://amsat-uk.org/2013/11/23/adding-new-satellites-to-satpc32/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9747. FUNcube-1 Operating Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-01 21:27:02 UTC
From: Graham Shirville
Topic: 9747 Message: 9747

Hi,

Just to confirm that at approx 21.22UTC this evening FC1 was returned to autonomous operation. The spacecraft will be in telemetry only mode when in sunlight and amateur mode when in eclipse.
73
Graham
G3VZV

9748. AMSAT-UK International Space Colloquium + NASATV + OSCAR News

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-06 14:25:00 UTC
From: M5AKA
Topic: 9748 Message: 9748

The AMSAT-UK International Space Colloquium will be held on July 24-26, 2015 at the Holiday Inn, Guildford, GU2 7XZ, UK. Among the speakers will be:
• Peter Guelzow DB2OS with an update on AMSAT-DL projects, including the Phase 4 satellite
• Chris Brunskill, formerly of Surrey Space Centre (SSC), now working at the Space Catapult at the Harwell Campus. He will be presenting an extremely novel project aimed at schools and education
• We are hoping that the BATC will attend and possibly demonstrate live Digital TV reception from the ISS, using the Ham TV system
• Drew Glasbrenner, KO5MA, from AMSAT North America will be attending, and presenting the latest news of the FOX satellite(s) due for launch later this year, and also on their Phase 4 project

Booking details at http://amsat-uk.org/colloquium/colloquium-2015/

OSCAR News Issue 210 now available for members to download
http://amsat-uk.org/2015/06/06/oscar-news-issue-210/

Return to Earth of Samantha Cristoforetti IZ0UDF on NASA TV
http://amsat-uk.org/2015/06/05/radio-ham-returns-to-earth/

ISS, Satellites and High Altitude Balloons
http://amsat-uk.org/2015/06/05/iss-satellites-and-hab/

73 Trevor M5AKA----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9749. FCD+ White Noise problem - Please help to solve

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-09 17:42:54 UTC
From: maaidah_noor@...
Topic: 9749 Message: 9749

Hi,

I just got my Funcube Dongle Pro + for my 12th birthday and I am having some difficulty with white noice regardless of which frequency I tune into. I can sometimes hear something but barely anything which I know is the actual frequency I am tuning into e.g. my local radio station. However there is so much white noise that it in unbearable.

I have Windows 7, 64 bit.

I have tried SDR Shark and HDSDR (yes I have installed the dll) but I still have the same problem.

The only success I have had is using this dongle on my brother laptop (Windows 7, 64 bit) and it works absolutely fine.

Initially I had some problems installing the dongle drivers because it was installing through simple plug and play. I had to do the following to get it to work:

Browse to
'C:\Windows\System32\DriverStore\FileRepository\usb.inf_amd64_neutral_42d7284868af1f40
--(this folder may be named slightly differently on your machine, but the beginning part is 'usb.inf_amd64.... Also I had two of these folders, one from 2010 and the other from 2015 so I copied the 2 files below from the most recent folder)
Copy usb.inf and usb.PNF to 'C:\Windows\INF\'
Update drive on unknown devices
-- In Device Manager, right-click and select Properties
-- Select Driver tab
-- Click 'Update Driver' button
-- Select 'Browse my computer for driver software'
-- Enter 'C:\Windows\INF\' in the Search for driver software in this location field and click Next

After doing all of this, I have the issue of white noise listening to all frequencies.

Please can someone help me on how to resolve this? I have tried and tried but cannot get it work on my laptop.

I appreciate your support.

Many thanks.

9750. Re: [FUNcube] FCD+ White Noise problem - Please help to solve

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-09 18:27:25 UTC
From: Alan
Topic: 9749 Message: 9750

Original Message -----
Subject: [FUNcube] FCD+ White Noise problem - Please help to solve

The only success I have had is using this dongle on my brother laptop (Windows 7, 64 bit) and it works absolutely fine.
>
> Initially I had some problems installing the dongle drivers because it was installing through simple plug and play.

But this is the way the drivers install.
Just normal Windows drivers.
Was it a sound configuration issue? Did you select it a a recording device? And check volume settings? What did Device Manager say
about it?

Where did you get the inf/pnf? And why?

73 Alan G4ZFQ

I had to do the following to get it to work:
>
> Browse to
'C:\Windows\System32\DriverStore\FileRepository\usb.inf_amd64_neutral_42d7284868af1f40
--(this folder may be named
> slightly differently on your machine, but the beginning part is 'usb.inf_amd64.... Also I had two of these folders, one from 2010
> and the other from 2015 so I copied the 2 files below from the most recent folder)
> Copy usb.inf and usb.PNF to 'C:\Windows\INF\'
> Update drive on unknown devices
> -- In Device Manager, right-click and select Properties
> -- Select Driver tab
> -- Click 'Update Driver' button
> -- Select 'Browse my computer for driver software'
> -- Enter 'C:\Windows\INF\' in the Search for driver software in this location field and click Next
>
> After doing all of this, I have the issue of white noise listening to all frequencies.
>
> Please can someone help me on how to resolve this? I have tried and tried but cannot get it work on my laptop.
>
> I appreciate your support.
>
> Many thanks.
>
>

>
>
>

9751. Re: [FUNcube] FCD+ White Noise problem - Please help to solve

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-09 18:54:00 UTC
From: dave@...
Topic: 9749 Message: 9751

Hi

In sdr# have you set the audio source to be the FC dongle rather than the sound card?

Have you got the correct sort of sma connector some do not have a pin in the middle.

Regards

Dave G4DPZ
FUNcube Satellite Team Member

Sent from my iPhone

> On 9 Jun 2015, at 18:42, maaidah_noor@... [FUNcube] <FUNcube@...> wrote:
>
> Hi,
>
> I just got my Funcube Dongle Pro + for my 12th birthday and I am having some difficulty with white noice regardless of which frequency I tune into. I can sometimes hear something but barely anything which I know is the actual frequency I am tuning into e.g. my local radio station. However there is so much white noise that it in unbearable.
>
> I have Windows 7, 64 bit.
>
> I have tried SDR Shark and HDSDR (yes I have installed the dll) but I still have the same problem.
>
> The only success I have had is using this dongle on my brother laptop (Windows 7, 64 bit) and it works absolutely fine.
>
> Initially I had some problems installing the dongle drivers because it was installing through simple plug and play. I had to do the following to get it to work:
>
> Browse to 'C:\Windows\System32\DriverStore\FileRepository\usb.inf_amd64_neutral_42d7284868af1f40 --(this folder may be named slightly differently on your machine, but the beginning part is 'usb.inf_amd64.... Also I had two of these folders, one from 2010 and the other from 2015 so I copied the 2 files below from the most recent folder)
> Copy usb.inf and usb.PNF to 'C:\Windows\INF\'
> Update drive on unknown devices
> -- In Device Manager, right-click and select Properties
> -- Select Driver tab
> -- Click 'Update Driver' button
> -- Select 'Browse my computer for driver software'
> -- Enter 'C:\Windows\INF\' in the Search for driver software in this location field and click Next

>
> After doing all of this, I have the issue of white noise listening to all frequencies.
>
> Please can someone help me on how to resolve this? I have tried and tried but cannot get it work on my laptop.
>
> I appreciate your support.
>
> Many thanks.
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>

9752. icom 9100 pass for funcube satellite

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-10 03:40:33 UTC
From: shakeelj2k@...
Topic: 9752 Message: 9752

Hi everyone,

I am in trouble and anxiously waiting for the answer of the following problem:

I have tnc kantronics 9612+. I also have icom 9100 transceiver ,I dont know how to connect this transceiver to TNC and how configure it for telemetry receiving for Funcube satellite .
since 9100 does not have BPSK setting how to cater this problem for funcube satellite.

I also donot know how TNC will send satellite pass data to my Computer running Windows 7. then how i shall decode Telemetry data on pc or any computer.

what interface cable i shall need to connect my TNC with transceiver ICOM 9100. any help

I am new to amateur world and new to satellite tracking and pass reception.

I am tracking using yagi antennas without rotor i.e moving antenna manually.

I urgently require help .

Regards

9753. Re: [FUNcube] icom 9100 pass for funcube satellite

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-10 06:48:31 UTC
From: dave@...
Topic: 9752 Message: 9753

Hi

May I suggest that you read this document:

https://funcubetest2.files.wordpress.com/2013/11/funcube-dashboard-install-ops-guidance-notes-release-1-2.pdf

73

Dave G4DPZ
FUNcube Team Member

Sent from my iPhone

> On 10 Jun 2015, at 04:40, shakeelj2k@... [FUNcube] <FUNcube@....uk> wrote:
>
> Hi everyone,
>
>
>
>
>
> I am in trouble and anxiously waiting for the answer of the following problem:
>
>
>
>
>
> I have tnc kantronics 9612+. I also have icom 9100 transceiver ,I dont know how to connect this transceiver to TNC and how configure it for telemetry receiving for Funcube satellite .
>
> since 9100 does not have BPSK setting how to cater this problem for funcube satellite.
>
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>
> I also donot know how TNC will send satellite pass data to my Computer running Windows 7. then how i shall decode Telemetry data on pc or any computer.
>
>
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>
> what interface cable i shall need to connect my TNC with transceiver ICOM 9100. any help
>
>

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>
> I am new to amateur world and new to satellite tracking and pass reception.
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>
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>
> I am tracking using yagi antennas without rotor i.e moving antenna manually.
>
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>
> I urgently require help .
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>
> Regards
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>

9754. Re: [FUNcube] FCD+ White Noise problem - Please help to solve

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-10 04:08:34 UTC
From: Andy Tedds
Topic: 9749 Message: 9754

This may mot help but, make sure you have the RF gain set correctly, and no attenuators active.

73 de Andy KB1UIF.
Sent from my iPhone!

On Jun 9, 2015, at 2:54 PM, "dave@g4dpz.me.uk [FUNcube]" <FUNcube@yahoogroups.co.uk> wrote:

>
>
> Hi
>
> In sdr# have you set the audio source to be the FC dongle rather than the sound card?
>
> Have you got the correct sort of sma connector some do not have a pin in the middle.
>
> Regards
>
> Dave G4DPZ
> FUNcube Satellite Team Member
>
> Sent from my iPhone
>
> On 9 Jun 2015, at 18:42, maaidah_noor@yahoo.com [FUNcube] <FUNcube@yahoogroups.co.uk> wrote:
>
>> Hi,
>>
>> I just got my Funcube Dongle Pro + for my 12th birthday and I am having some difficulty with white noice regardless of which frequency I tune into. I can sometimes hear something but barely anything which I know is the actual frequency I am tuning into e.g. my local radio station. However there is so much white noise that it in unbearable.
>>
>> I have Windows 7, 64 bit.
>>
>> I have tried SDR Shark and HDSDR (yes I have installed the dll) but I still have the same problem.
>>
>> The only success I have had is using this dongle on my brother laptop (Windows 7, 64 bit) and it works absolutely fine.
>>
>> Initially I had some problems installing the dongle drivers because it was installing through simple plug and play. I had to do the following to get it to work:
>>
>> Browse to

'C:\Windows\System32\DriverStore\FileRepository\usb.inf_amd64_neutral_42d7284868af1f40
--(this folder may be named slightly differently on your machine, but the beginning part is
'usb.inf_amd64.... Also I had two of these folders, one from 2010 and the other from 2015
so I copied the 2 files below from the most recent folder)
>> Copy usb.inf and usb.PNF to 'C:\Windows\INF\'
>> Update drive on unknown devices
>> -- In Device Manager, right-click and select Properties
>> -- Select Driver tab
>> -- Click 'Update Driver' button
>> -- Select 'Browse my computer for driver software'
>> -- Enter 'C:\Windows\INF\' in the Search for driver software in this location field and
click Next
>>
>> After doing all of this, I have the issue of white noise listening to all frequencies.
>>
>> Please can someone help me on how to resolve this? I have tried and tried but cannot get
it work on my laptop.
>>
>> I appreciate your support.
>>
>> Many thanks.
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9755. Panoramic tour of the ISS - Columbus Module

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-10 20:53:09 UTC
From: M5AKA
Topic: 9755 Message: 9755

Samantha Cristoforetti IZ0UDF worked on a project that shows the ISS in a new way: here's a sneak preview of the first module, Columbus.
Can you spot amateur radio HAMTV transmitter ?
http://www.esa.int/Our_Activities/Human_Spaceflight/International_Space_Station/Highlights/International_Space_Station_panoramic_tour

The return to Earth of Samantha Cristoforetti IZ0UDF will be shown on NASA TV during Thursday, June 11. Amateur transmitters will be turned off during the day
http://amsat-uk.org/2015/06/05/radio-ham-returns-to-earth/

The ISS launch of UK astronaut Tim Peake KG5BVI has been postponed until December 15, however, Andreas Mogensen KG5GCZ is still planned to fly on September 1, 2015.
Some of you may remember meeting Andreas at the 2009 AMSAT-UK International Space Colloquium. This years event takes place July 24-26, booking details are at
http://amsat-uk.org/colloquium/colloquium-2015/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9756. FUNcube at Goonhilly

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-11 12:44:30 UTC
From: M5AKA
Topic: 9756 Message: 9756

Today's BBC TV News features Dr Chris Bridges 2E0OBC who was explaining about the FUNcube-1 CubeSat and FUNcube Dongle SDR at the Goonhilly Space Operations training event. Chris appears at 0:33 into the report.
Watch the BBC video at http://www.bbc.co.uk/news/science-environment-33090284

The Generation of VLF Emissions by Meteors
http://amsat-uk.org/2015/06/09/the-generation-of-vlf-emissions-by-meteors/

This year's AMSAT-UK International Space Colloquium takes place July 24-26, booking details are at http://amsat-uk.org/colloquium/colloquium-2015/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9757. Both QB50p1 (FUNcube-3) and QB50p1 transponder have now been tested

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-18 17:54:36 UTC
From: M5AKA
Topic: 9757 Message: 9757

QB50p2 EO-80 FM Transponder Tested
http://amsat-uk.org/2015/06/17/qb50p2-fm-transponder-tested/
QB50p1 EO-79 (FUNcube-3) Transponder was tested on May 4
http://amsat-uk.org/2015/05/03/eo-79-transponder-may-4/

Amateur Satellites at Skills Night
http://amsat-uk.org/2015/06/16/amateur-satellites-at-skills-night/

International Space Colloquium at Guildford in July
http://amsat-uk.org/2015/06/16/international-space-colloquium-at-guildford/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9758. Difficulty with FunCube Dongle Pro

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-21 13:27:33 UTC
From: wb4gcs@...
Topic: 9758 Message: 9758

All:

My FCD Pro, which worked once, is now not. Specifically:

I am trying to receiver 443.65 FM EXTIO.dll is set to 443.65 and responds to changes. VFO A is set to 443.65 and responds to changes.

Input sampling rate is 96KHz, output 24 KHz, which I assume are the defaults.

When I apply a signal from a nearby handheld, the noise floor goes up across the entire visible spectrum, and the audio noise is louder, but it does not receive.

Clearly I have some setting wrong.

Any ideas??

Thanks,
Jim
wb4gcs@amsat.org

9759. Re:: Difficulty with FunCube Dongle Pro

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-21 13:28:39 UTC
From: wb4gcs@...
Topic: 9758 Message: 9759

Sorry, I left out that the software I'm using is HDSDR.
Jim

9760. AW: [FUNcube] Re:: Difficulty with FunCube Dongle Pro

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-21 14:47:40 UTC
From: siegfried jackstien
Topic: 9758 Message: 9760

Input sampling should be 192 kc ... output sampling depends on what you wanna receive

Switch off the lna and switch down the mixer gain (otherwise you completely overloading the fcdpp when you wanna receive your handheld trx)

Hth

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Sonntag, 21. Juni 2015 13:29
> An: FUNcube@...
> Betreff: [FUNcube] Re:: Difficulty with FunCube Dongle Pro
>
>
>
> Sorry, I left out that the software I'm using is HDSDR.
> Jim
>
>

9761. Re: AW: [FUNcube] Re:: Difficulty with FunCube Dongle Pro

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-21 15:25:10 UTC
From: Jim Sanford
Topic: 9758 Message: 9761

Thanks.
It defaults to 9600, but I'll give it a shot.

On 6/21/2015 10:47 AM, 'siegfried jackstien'
siegfried.jackstien@... [FUNcube] wrote:
>
> Input sampling should be 192 kc ... output sampling depends on what you
> wanna receive
>
> Switch off the lna and switch down the mixer gain (otherwise you
> completely
> overloading the fcdpp when you wanna receive your handheld trx)
>
> Hth
>
> Dg9bfc
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> Sigi
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> > -----Urspr?ngliche Nachricht-----
> > Von: FUNcube@... [mailto:FUNcube@...]
> > Gesendet: Sonntag, 21. Juni 2015 13:29
> > An: FUNcube@...
> > Betreff: [FUNcube] Re:: Difficulty with FunCube Dongle Pro
> >
> >
> >
> > Sorry, I left out that the software I'm using is HDSDR.
> > Jim
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https://www.avast.com/antivirus

9762. AW: AW: [FUNcube] Re:: Difficulty with FunCube Dongle Pro

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-21 15:48:22 UTC
From: siegfried jackstien
Topic: 9758 Message: 9762

Upps ... was it an fcd or an fcdpp

Fcd old has 96kc while fcdpp has 192 kc

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@yahoogroups.co.uk [mailto:FUNcube@...]
> Gesendet: Sonntag, 21. Juni 2015 15:25
> An: FUNcube@...
> Betreff: Re: AW: [FUNcube] Re:: Difficulty with FunCube Dongle Pro
>
>
>
> Thanks.
> It defaults to 9600, but I'll give it a shot.
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> On 6/21/2015 10:47 AM, 'siegfried jackstien'
> siegfried.jackstien@... [FUNcube] wrote:
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> Input sampling should be 192 kc ... output sampling depends on what
> you
> wanna receive
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> Switch off the lna and switch down the mixer gain (otherwise you
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> overloading the fcdpp when you wanna receive your handheld trx)
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> Hth
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> Dg9bfc
>
> Sigi
>
> > -----Ursprüngliche Nachricht-----
> > Von: FUNcube@... [mailto:FUNcube@...]
> > Gesendet: Sonntag, 21. Juni 2015 13:29
> > An: FUNcube@...
> > Betreff: [FUNcube] Re:: Difficulty with FunCube Dongle Pro

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> >
> > Sorry, I left out that the software I'm using is HDSDR.
> > Jim
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> checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
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9763. Re: AW: AW: [FUNcube] Re:: Difficulty with FunCube Dongle Pro

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-21 17:13:26 UTC
From: Jim Sanford
Topic: 9758 Message: 9763

fcdp old

On 6/21/2015 11:48 AM, 'siegfried jackstien'
siegfried.jackstien@... [FUNcube] wrote:
>
> Upps ... was it an fcd or an fcdpp
>
> Fcd old has 96kc while fcdpp has 192 kc
>
> Dg9bfc
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> Sigi
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> > -----Urspr?ngliche Nachricht-----
> > Von: FUNcube@... [mailto:FUNcube@...]
> > Gesendet: Sonntag, 21. Juni 2015 15:25
> > An: FUNcube@...
> > Betreff: Re: AW: [FUNcube] Re:: Difficulty with FunCube Dongle Pro
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> >
> > Thanks.
> > It defaults to 9600, but I'll give it a shot.
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> > On 6/21/2015 10:47 AM, 'siegfried jackstien'
> > siegfried.jackstien@... [FUNcube] wrote:
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> >
> > Input sampling should be 192 kc ... output sampling depends on what
> > you
> > wanna receive
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> > Switch off the lna and switch down the mixer gain (otherwise you
> > completely
> > overloading the fcdpp when you wanna receive your handheld trx)
> >
> > Hth
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> > Dg9bfc
> >
> > Sigi

> >
> > > -----Urspr?ngliche Nachricht-----
> > > Von: FUNcube@... [mailto:FUNcube@...]
> > > Gesendet: Sonntag, 21. Juni 2015 13:29
> > > An: FUNcube@...
> > > Betreff: [FUNcube] Re:: Difficulty with FunCube Dongle Pro
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> > > >
> > > > Sorry, I left out that the software I'm using is HDSDR.
> > > > Jim
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https://www.avast.com/antivirus

9764. AW: AW: AW: [FUNcube] Re:: Difficulty with FunCube Dongle Pro

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-21 21:15:57 UTC
From: siegfried jackstien
Topic: 9758 Message: 9764

My fault ... sorry

Ok then sampling with 96 kc is correct

If you hear a rhythmic beep then the unit is fallen in bootloader mode

Use the bootloader to switch it back to application mode

Then your unit should work again

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@yahoogroups.co.uk [mailto:FUNcube@...]
> Gesendet: Sonntag, 21. Juni 2015 17:13
> An: FUNcube@...
> Betreff: Re: AW: AW: [FUNcube] Re:: Difficulty with FunCube Dongle Pro
>
>
>
> fcdp old
>
>
>
> On 6/21/2015 11:48 AM, 'siegfried jackstien'
> siegfried.jackstien@... [FUNcube] wrote:
>
>
>
>
> Upps ... was it an fcd or an fcdpp
>
> Fcd old has 96kc while fcdpp has 192 kc
>
> Dg9bfc
>
> Sigi
>
> > -----Ursprüngliche Nachricht-----
> > Von: FUNcube@... [mailto:FUNcube@...]
> > Gesendet: Sonntag, 21. Juni 2015 15:25
> > An: FUNcube@...
> > Betreff: Re: AW: [FUNcube] Re:: Difficulty with FunCube Dongle Pro
> >
> >

> >
> > Thanks.
> > It defaults to 9600, but I'll give it a shot.
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> >
> > On 6/21/2015 10:47 AM, 'siegfried jackstien'
> > siegfried.jackstien@... [FUNcube] wrote:
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> >
> > Input sampling should be 192 kc ... output sampling depends on
> what
> > you
> > wanna receive
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> > Switch off the lna and switch down the mixer gain (otherwise you
> > completely
> > overloading the fcdpp when you wanna receive your handheld trx)
> >
> > Hth
> >
> > Dg9bfc
> >
> > Sigi
> >
> > > -----Ursprüngliche Nachricht-----
> > > Von: FUNcube@...
> [mailto:FUNcube@....uk]
> > > Gesendet: Sonntag, 21. Juni 2015 13:29
> > > An: FUNcube@yahoogroups.co.uk
> > > Betreff: [FUNcube] Re:: Difficulty with FunCube Dongle Pro
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> > >
> > > Sorry, I left out that the software I'm using is HDSDR.
> > > Jim
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9765. FUNcube-1 / AO-73 Glitch and Commanded Reboot

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-21 22:31:38 UTC
From: M5AKA
Topic: 9765 Message: 9765

FUNcube-1 / AO-73 Glitch and Commanded Reboot
http://amsat-uk.org/2015/06/21/funcube-1-glitch-reboot/

KLETSkous Project Update
http://amsat-uk.org/2015/06/21/kletskous-project-update/

Moon Express To Take Over Cape Canaveral Launch Site
http://spacenews.com/moon-express-to-take-over-cape-canaveral-launch-site/

Book now for International Space Colloquium at Guildford
http://amsat-uk.org/2015/06/16/international-space-colloquium-at-guildford/

73 Trevor M5AKA ----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9766. Re: AW: AW: AW: [FUNcube] Re:: Difficulty with FunCube Dongle Pro

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-22 00:43:57 UTC
From: Jim Sanford
Topic: 9758 Message: 9766

Thanks.
This was NOT the case.
Appreciate the info, so I will recognize it if it occurs.

Jim

On 6/21/2015 5:15 PM, 'siegfried jackstien'
siegfried.jackstien@... [FUNcube] wrote:
>
> My fault ... sorry
>
> Ok then sampling with 96 kc is correct
>
> If you hear a rhythmic beep then the unit is fallen in bootloader mode
>
> Use the bootloader to switch it back to application mode
>
> Then your unit should work again
>
> Dg9bfc
>
> Sigi
>
> > -----Urspr?ngliche Nachricht-----
> > Von: FUNcube@... [mailto:FUNcube@...]
> > Gesendet: Sonntag, 21. Juni 2015 17:13
> > An: FUNcube@...
> > Betreff: Re: AW: AW: [FUNcube] Re:: Difficulty with FunCube Dongle Pro
> >
> >
> >
> > fcdp old
> >
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> >
> > On 6/21/2015 11:48 AM, 'siegfried jackstien'
> > siegfried.jackstien@... [FUNcube] wrote:
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> >
> > Upps ... was it an fcd or an fcdpp
> >
> > Fcd old has 96kc while fcdpp has 192 kc
> >

> > Dg9bfc
> >
> > Sigi
> >
> > > -----Urspr?ngliche Nachricht-----
> > > Von: FUNcube@... [mailto:FUNcube@...]
> > > Gesendet: Sonntag, 21. Juni 2015 15:25
> > > An: FUNcube@...
> > > Betreff: Re: AW: [FUNcube] Re:: Difficulty with FunCube Dongle Pro
> > > >
> > > >
> > > >
> > > > Thanks.
> > > > It defaults to 9600, but I'll give it a shot.
> > > >
> > > >
> > > >
> > > > On 6/21/2015 10:47 AM, 'siegfried jackstien'
> > > > siegfried.jackstien@... [FUNcube] wrote:
> > > >
> > > >
> > > >
> > > >
> > > > Input sampling should be 192 kc ... output sampling depends on
> > what
> > > > you
> > > > wanna receive
> > > >
> > > > Switch off the lna and switch down the mixer gain (otherwise you
> > > > completely
> > > > overloading the fcdpp when you wanna receive your handheld trx)
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> > > > Dg9bfc
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> > > > Sigi
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> > > > > -----Urspr?ngliche Nachricht-----
> > > > > Von: FUNcube@...
> > [mailto:FUNcube@...]
> > > > > Gesendet: Sonntag, 21. Juni 2015 13:29
> > > > > An: FUNcube@...
> > > > > Betreff: [FUNcube] Re:: Difficulty with FunCube Dongle Pro
> > > > >
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> > > > >
> > > > > Sorry, I left out that the software I'm using is HDSDR.
> > > > > Jim
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https://www.avast.com/antivirus

9767. FunCube a star in new security paper

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-22 10:11:34 UTC
From: ka5s@...
Topic: 9767 Message: 9767

See Stealing secret crypto-keys from PCs using leaked radio emissions
http://www.theregister.co.uk/2015/06/20/tempest_radioshack/

http://www.theregister.co.uk/2015/06/20/tempest_radioshack/

Stealing secret crypto-keys from PCs using leaked radio...
http://www.theregister.co.uk/2015/06/20/tempest_radioshack/ AM radio + HTC HTC EVO 4G smartphone = snooping rig

View on www.theregister.co.uk http://www.theregister.co.uk/2015/06/20/tempest_radioshack/
Preview by Yahoo

Cortland Richmond
KA5S

9768. Re:: FunCube a star in new security paper

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-23 10:23:45 UTC
From: wouterweg@...
Topic: 9767 Message: 9768

Just to clarify, The FUNcube Dongle is meant, not the satellite!
There is no on-orbit reception of sensitive material by the satellite, the article talks about using the FUNcube dongle to receive radio emissions from computers.

No super-spy-stuff happening on the transponder folks ;)

Wouter

9769. AW: [FUNcube] Re:: FunCube a star in new security paper

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-23 10:43:15 UTC
From: siegfried jackstien
Topic: 9767 Message: 9769

But we all know that for these super spy thingys there are dozens of mil sats flying around (plus hundreds of ground stations around the world) :-)

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@yahoogroups.co.uk [mailto:FUNcube@...]
> Gesendet: Dienstag, 23. Juni 2015 10:24
> An: FUNcube@...
> Betreff: [FUNcube] Re:: FunCube a star in new security paper
>
>
>
> Just to clarify, The FUNcube Dongle is meant, not the satellite!
> There is no on-orbit reception of sensitive material by the satellite, the
> article talks about using the FUNcube dongle to receive radio emissions
> from computers.
>
> No super-spy-stuff happening on the transponder folks ;)
>
> Wouter
>
>

9770. Re: [FUNcube] Re:: FunCube a star in new security paper

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-23 13:50:29 UTC
From: CR
Topic: 9767 Message: 9770

That's right; the dongle and *not* the satellites. There's enough to worry about from the likes of GCHQ and NSA.

Cheers all,

Cortland Richmond
KA5S

9771. AMSAT-UK International Space Colloquium 24-26 July 2015 Hotel Bookings

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-24 14:34:18 UTC
From: M5AKA
Topic: 9771 Message: 9771

This is a final reminder that our reserved rooms at the Holiday Inn Guildford will be 'released' at 1730 26th June.

If you wish to stay overnight at the hotel, I very strongly suggest that you reserve your room NOW to avoid disappointment. All details are at http://amsat-uk.org/colloquium/colloquium-2015/ If you don't wish to stay overnight - don't panic, you can turn up and pay at the AMSAT shop as a day delegate.

73s Jim G3WGM

9772. AUK site + Essex School STEM 434 MHz balloons launched

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-06-29 13:20:28 UTC
From: M5AKA
Topic: 9772 Message: 9772

The AMSAT-UK website is currently down for maintenance.

Essex School STEM 434 MHz balloons launched today from Cambridge -
@BoswellsSchool Chelmsford 434.450 MHz USB
@StewardsAcademy Harlow 434.050 MHz USB.
Prospects College of Advanced Technology Basildon 434.150 MHz USB

See the balloon tracks at http://tracker.habhub.org/

Live Slow Scan Digital Video (SSDV) feeds at
http://ssdv.habhub.org/SWARDS
http://ssdv.habhub.org/BWELLS
http://ssdv.habhub.org/PROSP

73 Trevor M5AKA

9773. DeorbitSail Launch + Phase 4 Frequencies + School Balloon

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-05 15:08:17 UTC
From: M5AKA
Topic: 9773 Message: 9773

The DeorbitSail satellite developed at the Surrey Space Centre, Guildford, should launch on July 10. It carries a 9k6 BPSK beacon on 145.975 MHz
http://www.surrey.ac.uk/ssc/research/space_vehicle_control/deorbitsail/
http://www.isro.gov.in/launcher/pslv-c28-dmc3-mission

Phase 4 Spacecraft Frequencies
http://amsat-uk.org/2015/07/03/phase-4-spacecraft-frequencies/

UK school plans 2am balloon launch
http://amsat-uk.org/2015/07/05/school-plans-2am-balloon-launch/

UWE-3 Status Report
http://amsat-uk.org/2015/07/05/uwe-3-status-report/

The AMSAT-UK International Space Colloquium at Guildford July 25-26 is open to all, admittance is £10 each day, parking free
http://amsat-uk.org/2015/06/16/international-space-colloquium-at-guildford/

73 Trevor M5AKA ----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9774. FunCube Dongle Pro on RaspberryPi2 or Odroid

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-11 18:49:31 UTC
From: Jim Sanford
Topic: 9774 Message: 9774

All:
I've seen references to testing of the FCD on the Pi. What software is being used?

Any pointers to installation/setup guidance most appreciated.

Thanks & 73,
Jim
wb4gcs@...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

9775. Videos of TAPR-AMSAT presentations + DeorbitSail

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-12 19:54:17 UTC
From: M5AKA
Topic: 9775 Message: 9775

Presentation Videos: Amateur Radio Geostationary Transponder and the Adventures of a Hacker Turned Radio Ham
http://amsat-uk.org/2015/07/12/tapr-amsat-2015-talks/

Surrey Space Centre - DeorbitSail 145.975 MHz
http://amsat-uk.org/satellites/telemetry/deorbitsail/

The AMSAT-UK International Space Colloquium at Guildford July 25-26 is open to all, admittance is £10 each day, parking free
http://amsat-uk.org/2015/06/16/international-space-colloquium-at-guildford/

73 Trevor M5AKA ----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9776. FUNcube-1 schedule

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-12 20:40:11 UTC
From: Graham Shirville
Topic: 9776 Message: 9776

Hi All,

Just to confirm that FC1 was commanded back into autonomous mode during the recent pass over Europe around 20:35 UTC. She is now in the sun an is transmitting high power telemetry

73

Graham
G3VZV

9777. School shortlist for Tim Peake ISS contact + ISS SSTV + AUK Collloquium

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-14 22:10:35 UTC
From: M5AKA
Topic: 9777 Message: 9777

School Shortlist for Tim Peake Space Station Contact
http://amsat-uk.org/2015/07/14/school-shortlist-tim-peake-iss/

ISS SSTV July 18-19 on 145.800 MHz FM
http://amsat-uk.org/2015/07/14/iss-sstv-july-18-19/

AMSAT-UK Colloquium Keynote Presentation - Professor Richard Holdaway
http://amsat-uk.org/2015/07/13/amsat-uk-colloquium-keynote-presentation/

73 Trevor M5AKA ----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9778. FUNcube-1 operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-17 20:46:16 UTC
From: Graham Shirville
Topic: 9778 Message: 9778

Good evening,

Just to report that FUNcube-1 is now in continuous “transponder on” mode for the weekend. It can be expected that, as usual, she will stay in this mode until Sunday evening (UTC time)

A heads up for next weekend – As AMSAT-UK is holding their Collloquium event in Guildford Surrey, it is expected that FUNcube-1 will be switched to continuous transponder mode , exceptionally, from Thursday evening (July 23rd) until either Sunday evening (July 26th) or, more likely, Monday evening (July 27th).

This will enable the Colloquium attendees to view or demonstrate and enjoy the transponder operations for the maximum possible time. Thanks for your understanding!

best 73

Graham
G3VZV

9779. Speakers at International Space Colloquium Guildford + ISS SSTV Today

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-18 08:58:48 UTC
From: M5AKA
Topic: 9779 Message: 9779

There is a great line up of speakers for the AMSAT-UK International Space Colloquium at the Holiday Inn, Guildford as well as visits to the satellite construction facilities at the SSTL Kepler Building. The event is open to all.
http://amsat-uk.org/2015/07/16/colloquium-speakers-saturday/

ISS SSTV July 18-19 on 145.800 MHz FM (5 kHz deviation)
http://amsat-uk.org/2015/07/14/iss-sstv-july-18-19/

Useful ISS SSTV links http://amsat-uk.org/beginners/iss-sstv/
Note ISS uses 25 kHz Channel Spacing FM so if your rig has FM filters for both 12.5 and 25 kHz C/S make sure you select the latter.

Duchifat1 CubeSat Update
http://amsat-uk.org/2015/07/17/duchifat1-update/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9780. Re: FUNcube-1 operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-19 21:22:48 UTC
From: Graham Shirville
Topic: 9778 Message: 9780

Good evening,

I can report that FUNcube-1 was switched back to autonomous mode at around 21:19 UTC this evening.

A reminder for next weekend – As AMSAT-UK is holding their Collloquium event in Guildford Surrey, it is expected that FUNcube-1 will be switched to continuous transponder mode , exceptionally, from Thursday evening (July 23rd) until either Sunday evening (July 26th) or, more likely, Monday evening (July 27th).

This will enable the Colloquium attendees to view or demonstrate and enjoy the transponder operations for the maximum possible time. Thanks for your understanding!

best 73

Graham
G3VZV

9781. FUNcube-1 At Pine Mountain Observatory

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-20 01:35:21 UTC
From: David Haworth
Topic: 9781 Message: 9781

Hi,

FUNcube-1 activities was successful at Pine Mountain Observatory workshop Sunday July 12 to Wednesday 15.
During this time 759 packets were received which resulted in a ranking of 456.

The student were impressed when we were the only station receiving a packet and seeing our FM2 message.

YouTube videos are at

PMO Workshop FUNcube-1 Satellite Telemetry Pass July 13, 2015
https://youtu.be/TWaq7IMDL9I <https://youtu.be/TWaq7IMDL9I>

PMO Workshop FUNcube-1 Satellite Receving Equipment
https://youtu.be/xg1mZr98k28 <https://youtu.be/xg1mZr98k28>

PMO Workshop FUNcube-1 Satellite Pass July 13, 2015
https://youtu.be/NG8ib7qOAgo <https://youtu.be/NG8ib7qOAgo>

73,
Clear and dark skies without RFI,
David Haworth, WA9ONY
http://www.stargazing.net/david <http://www.stargazing.net/david>
davidahaworth@...

9782. Re: [FUNcube] FUNcube-1 At Pine Mountain Observatory

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-20 06:44:31 UTC
From: dave@...
Topic: 9781 Message: 9782

Hi

Congratulations on a successful weekend and for the YouTube videos.

Loved the lack of RFI !

I'm the programme organiser for the AMSAT-UK colloquium this coming weekend and developer of the FC data warehouse.

I wonder if it's possible to get some collateral info and an original copy of the tracking video so that we can run it as part of our beginners session and as part of the fc1 presentation.

Please contact me directly:

dave at g4dpz.me.uk

73

Dave, G4DPZ
AMSAT-UK committee member
FUNcube Team Member

Sent from my iPhone

> On 20 Jul 2015, at 02:35, David Haworth davidahaworth@icloud.com [FUNcube] <FUNcube@...> wrote:
>
> Hi,
>
> FUNcube-1 activities was successful at Pine Mountain Observatory workshop Sunday July 12 to Wednesday 15.
> During this time 759 packets were received which resulted in a ranking of 456.
>
> The student were impressed when we were the only station receiving a packet and seeing our FM2 message.
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> YouTube videos are at
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> PMO Workshop FUNcube-1 Satellite Telemetry Pass July 13, 2015
> https://youtu.be/TWaq7IMDL9I
>
> PMO Workshop FUNcube-1 Satellite Receving Equipment
> https://youtu.be/xg1mZr98k28
>
> PMO Workshop FUNcube-1 Satellite Pass July 13, 2015
> https://youtu.be/NG8ib7qOAgo

>
>
> 73,
> Clear and dark skies without RFI,
> David Haworth, WA9ONY
> http://www.stargazing.net/david
> davidahaworth@...
>
>
>
>

9783. FUNcube-1 presentation at SEA-PAC

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-20 13:04:53 UTC
From: David Haworth
Topic: 9783 Message: 9783

Hi,

FUNcube-1 presentation given at SEA-PAC on June 6, 2015 can be downloaded (PDF) at
http://www.stargazing.net/david/satellites/2meters.html
<http://www.stargazing.net/david/satellites/2meters.html>

73,
Clear and dark skies without RFI,
David Haworth, WA9ONY
http://www.stargazing.net/david <http://www.stargazing.net/david>
davidahaworth@...

9784. Re: [FUNcube] FUNcube-1 presentation at SEA-PAC

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-21 11:40:38 UTC
From: M5AKA
Topic: 9783 Message: 9784

Thanks David,

I've put your YouTube videos at
http://amsat-uk.org/2015/07/21/students-receive-funcube-1-ao-73/
73 Trevor M5AKA

On Monday, 20 July 2015, 14:05, "David Haworth davidahaworth@... [FUNcube]" <FUNcube@...> wrote:

<!--#yiv4382354139 #yiv4382354139 .yiv4382354139ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4382354139 div.yiv4382354139ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv4382354139 div.yiv4382354139photo-title a, #yiv4382354139 div.yiv4382354139photo-title a:active, #yiv4382354139 div.yiv4382354139photo-title a:hover, #yiv4382354139 div.yiv4382354139photo-title a:visited {text-decoration:none;}#yiv4382354139 div.yiv4382354139attach-table div.yiv4382354139attach-row {clear:both;}#yiv4382354139 div.yiv4382354139attach-table div.yiv4382354139attach-row div {float:left;}#yiv4382354139 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4382354139 div.yiv4382354139ygrp-file {width:30px;}#yiv4382354139 div.yiv4382354139attach-table div.yiv4382354139attach-row div div a {text-decoration:none;}#yiv4382354139 div.yiv4382354139attach-table div.yiv4382354139attach-row div div span {font-weight:normal;}#yiv4382354139 div.yiv4382354139ygrp-file-title {font-weight:bold;}#yiv4382354139 -->

Hi,
FUNcube-1 presentation given at SEA-PAC on June 6, 2015 can be downloaded (PDF)
athttp://www.stargazing.net/david/satellites/2meters.html
73,Clear and dark skies without RFI,
David Haworth, WA9ONYhttp://www.stargazing.net/daviddavidahaworth@...

9785. Re: [FUNcube] FUNcube-1 At Pine Mountain Observatory

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-22 03:07:09 UTC
From: David Haworth
Topic: 9781 Message: 9785

Hi,

HD versions of the video are on YouTube at:

PMO FUNcube-1 Satellite Software July 13, 2015 HD
https://youtu.be/xyZNyT7viqM <https://youtu.be/xyZNyT7viqM>

PMO FUNcube-1 Telemetry Pass July 13, 2015 HD
https://youtu.be/e46Wgmlf9aU <https://youtu.be/e46Wgmlf9aU>

PMO FUNcube-1 Satellite Equipment HD
https://youtu.be/ffMsgOzIiQs <https://youtu.be/ffMsgOzIiQs>

To download a YouTube video insert ss in the URL part of www.yo.
For example, www.yo is www.ssyo
This will open a download webpage for the video.

PMO Workshop FUNcube-1 Satellite Receiving Equipment
Pine Mountain Observatory Workshop, OR, USA
July 12 to 16, 2015
Antenna: Arrow II Portable 146/437-10 3 element 2 meter Yagi on camera tripod
Receiver: Airspy SDR hardware & SDR# software
Decode Software: FUNcube-1 Dashboard
iPad Satellite Safari

> On Jul 19, 2015, at 11:44 PM, dave@... [FUNcube] <FUNcube@yahoogroups.co.uk> wrote:
>
>
> Hi
>
> Congratulations on a successful weekend and for the YouTube videos.
>
> Loved the lack of RFI !
>
> I'm the programme organiser for the AMSAT-UK colloquium this coming weekend and developer of the FC data warehouse.
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> I wonder if it's possible to get some collateral info and an original copy of the tracking video so that we can run it as part of our beginners session and as part of the fc1 presentation.
>
> Please contact me directly:
>
> dave at g4dpz.me.uk <http://g4dpz.me.uk/>
>
> 73
>

> Dave, G4DPZ
> AMSAT-UK committee member
> FUNcube Team Member
>
>
>
> Sent from my iPhone
>
> On 20 Jul 2015, at 02:35, David Haworth davidahaworth@... <mailto:davidahaworth@...>
[FUNcube] <FUNcube@... <mailto:FUNcube@...>> wrote:
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>>
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>
>

73,
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David Haworth, WA9ONY
http://www.stargazing.net/david <http://www.stargazing.net/david>

davidahaworth@...

9786. International Space Colloquium Guildford this weekend

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-23 12:48:07 UTC
From: M5AKA
Topic: 9786 Message: 9786

There is a great line up of speakers for the AMSAT-UK International Space Colloquium at the Holiday Inn, Guildford, GU2 7XZ as well as visits to the satellite construction facilities at the SSTL Kepler Building. The event is open to all.

Find out the latest about the new Geostationary and Geosynchronous Amateur Radio Microwave transponders.

Admittance is £10 for the day and car parking is free.

Trade Stands at the Space Colloquium Guildford
http://amsat-uk.org/2015/07/23/trade-stands-at-colloquium/

Phil Karn KA9Q to give ISEE-3 presentation at Guildford
http://amsat-uk.org/2015/07/22/phil-karn-ka9q-isee-3/

Satellite Beginners Session Friday
http://amsat-uk.org/2015/07/22/satellite-beginners-session/

Speakers for Saturday, July 25
http://amsat-uk.org/2015/07/16/colloquium-speakers-saturday/

Speakers for Sunday, July 26
http://amsat-uk.org/2015/07/22/colloquium-sunday-july-26/

Keynote Presentation Professor Richard Holdaway formerly of RAL Space
http://amsat-uk.org/2015/07/13/amsat-uk-colloquium-keynote-presentation/

Travel information and programme schedule at
http://amsat-uk.org/colloquium/

73 Trevor M5AKA ----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9787. Videos of P3E Announcement and FO-29 Portable Satellite Demonstration

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-27 10:04:09 UTC
From: M5AKA
Topic: 9787 Message: 9787

Dr Helen Walker @SheAstronomer gave a great presentation about UKube-1 to the AMSAT-UK International Space Colloquium, July 26. UKube-1 carries a FUNcube linear transponder for amateur SSB/CW communications.
It is hoped the video of her presentation will eventually be available online along with others from the Colloquium.
Thanks to the British Amateur Television Club and Wouter Weggelaar PA3WEG these video are available to view now:
Video of P3E Satellite Announcement
http://amsat-uk.org/2015/07/26/video-of-p3e-satellite-announcement/

Satellite demonstration at AMSAT-UK Space Colloquium
http://amsat-uk.org/2015/07/26/satellite-demonstration-at-amsat-uk-space-colloquium/

73 Trevor M5AKA ----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK

9788. FUNcube Certificate of Achievement and QSL Card

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-29 11:53:01 UTC
From: M5AKA
Topic: 9788 Message: 9788

FUNcube Certificate of Achievement and QSL Card
http://amsat-uk.org/2015/07/29/funcube-certificate-of-achievement/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9789. Dr Helen Walker – UKube-1 presentation video

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-29 13:00:35 UTC
From: M5AKA
Topic: 9789 Message: 9789

The video of the UKube-1 presentation by Dr Helen Walker of RAL Space is now available.

Helen is an astronomer, working in the Satellite Operations Group at STFC Rutherford Appleton Laboratory. She has around thirty years experience of working with astronomical satellites, both as researcher and planning specialist.

Watch the video at
http://amsat-uk.org/2015/07/28/dr-helen-walker-ukube-1/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9790. HD Videos of AMSAT-UK International Space Colloquium now available

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-29 14:06:45 UTC
From: M5AKA
Topic: 9790 Message: 9790

Hi All,

Thanks to the cooperation between the BATC and AMSAT-UK, this years colloquium footage is becoming available online already.

The BATC and AMSAT-UK teams are working to upload all video material on to the AMSAT-UK YouTube account. (http://youtube.com/user/AMSATUK)

Video's will become available as soon as uploading is complete. Since the high-definition files are rather large, please allow for some time for editing and uploading.

For convenience, if you wish to watch the entire colloquium, go to the playlist at
https://www.youtube.com/playlist?list=PLTDI7lbh1cWq2av8hb6EzddopHERvDH0i

Thanks,

Wouter Weggelaar PA3WEG
BATC / AMSAT-UK team

http://amsat-uk.org
http://batc.tv

9791. Re:: FUNcube Certificate of Achievement and QSL Card

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-07-29 18:13:17 UTC
From: py4zbz@...
Topic: 9788 Message: 9791

Luciano,
É só para quem mandou dados !

Como você mandou, é só fazer o download do certificado e do QSL aqui:

AMSAT-UK FUNcube QSL and Certfiicate of Achievement
http://amsatuk.me.uk/on/funcube_qsl.php

http://amsatuk.me.uk/on/funcube_qsl.php

AMSAT-UK FUNcube QSL and Certfiicate of Achieve... http://amsatuk.me.uk/on/funcube_qsl.php
Many thanks to everyone who is supporting the FUNcube project..if you would like a record of your efforts you can now have one!

View on amsatuk.me.uk http://amsatuk.me.uk/on/funcube_qsl.php
Preview by Yahoo

73 de Roland.

9792. UK radio ham’s ISS contact in the press

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-06 12:37:02 UTC
From: M5AKA
Topic: 9792 Message: 9792

Adrian Lane 2E0SDR got some great newspaper publicity for the hobby when he made an amateur radio contact with the International Space Station.
The story was published in the Thursday, August 6, 2015 edition of many UK national daily newspapers including The Sun, The Times, Telegraph, Daily Mail, Mirror and also featured on the national BBC Radio 4 show "Today", see

http://amsat-uk.org/2015/08/05/uk-radio-hams-iss-contact-in-the-press/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9793. ESEO FUNcube-4 payload + Other News

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-07 22:28:14 UTC
From: M5AKA
Topic: 9793 Message: 9793

Work continues on ESEO FUNcube-4 payload
http://amsat-uk.org/2015/08/07/eseo-funcube-4-update/

Do not Digipeat via PCSAT
http://amsat-uk.org/2015/08/07/do-not-digipeat-via-pcsat/

UK radio ham's ISS contact on TV and in the press
http://amsat-uk.org/2015/08/05/uk-radio-hams-iss-contact-in-the-press/

SPROUT Deployable Membrane – Request for Telemetry
http://amsat-uk.org/2015/08/05/sprout-telemetry-request/

Frequencies Announced for Nayif-1 CubeSat
http://amsat-uk.org/2015/08/04/frequencies-announced-for-nayif-1-cubesat/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9794. FUNcube at AMSAT UK

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-08 08:03:22 UTC
From: davidahaworth@...
Topic: 9794 Message: 9794

Is there a video of the Friday evening AMSAT UK FUNcube presentation?

The AMSAT UK Saturday FUNcube presentations are on the AMSAT-UK YouTube channel.

It is very nice to see Pine Mountain Observatory on the FM slide.

73,
Clear and dark skies without RFI,
David Haworth, WA9ONY

Observational Astronomy http://www.stargazing.net/david

http://www.stargazing.net/david

Observational Astronomy http://www.stargazing.net/david Observational Astronomy

View on www.stargazing.net http://www.stargazing.net/david
Preview by Yahoo

9795. Re: [FUNcube] FUNcube at AMSAT UK

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-08 08:22:11 UTC
From: Graham Shirville
Topic: 9794 Message: 9795

Hi David,

Sadly not...the BATC were still setting up their gear on Friday afternoon!

Glad you liked the name check

73

Graham

From: mailto:FUNcube@...
Sent: Saturday, August 08, 2015 9:03 AM
To: FUNcube@yahoogroups.co.uk
Subject: [FUNcube] FUNcube at AMSAT UK

Is there a video of the Friday evening AMSAT UK FUNcube presentation?

The AMSAT UK Saturday FUNcube presentations are on the AMSAT-UK YouTube channel.

It is very nice to see Pine Mountain Observatory on the FM slide.

73,

Clear and dark skies without RFI,

David Haworth, WA9ONY

Observational Astronomy

< td class="link-enhancr-element" colspan="2" style="width:100%;vertical-align:middle;">
Observational Astronomy
Observational Astronomy
View on www.stargazing.net Preview by Yahoo

9796. dongle pro+ for beacon monitoring

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-11 09:12:11 UTC
From: Dirk Gorissen
Topic: 9796 Message: 9796

Hello,

Im investigating a Funcube Dongle Pro+ to test with but just want to sanity check it matches my requirements. Have also been looking at the airspy. I am still new to the SDR space so sorry if this seems obvious.

I am looking to detect the presence of a set of known VHF beacons transmitting in the 142-144MHz range (at 10kHz increments a, 40 pulses per minute, each 10ms long) at around 5 mW radiated power. So, for example, there may be 6 beacons scattered across that range that I would need to continuously listen for and map out the signal strength.

I need a lightweight/mobile solution and planned to hookup the dongle to a Pi 2 or Odroid UX4 which records the data in real time so it can be processed offline into a heatmap of the signal strength.

It is not quite clear to me how wide the band can be that the dongle can listen on continuously. Would it be able to cover the 2MHz range in one shot or would a sliding window be needed (if so, how wide can this window be to reliably detect the beacons and how long to traverse the 2 MHz range).

Any other caveats or reasons the above would not work would be appreciated.

Thanks,

Dirk

9797. AW: [FUNcube] dongle pro+ for beacon monitoring

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-11 10:51:16 UTC
From: siegfried jackstien
Topic: 9796 Message: 9797

The fcdpp can only show 19kc bw ... so no way to see 2 megs

I am guessing that these beacons are not spread over the complete two megs
...

If you wanna see such a wide bw you need either an sdrplay ... or an rtl
dongle ... or ...

Or do you wanna look for signal of one beacon ... and the tune to next and
measure ... and tune to next ... and so on??? ... ok that would be possible

If you want a solution where you completely can process the data later (and
repeat the tests in the lab) then I would record the whole area and see the
result later in the lab/shack

But for the complete area recording you would need a wider receiver (as
noted ... fcdpp has 19kc bw)

So ... give us some details what you exactly wanna do

Greetz

Sigi

Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Dienstag, 11. August 2015 09:12
> An: FUNcube@...
> Betreff: [FUNcube] dongle pro+ for beacon monitoring
>
>
>
> Hello,
>
> Im investigating a Funcube Dongle Pro+ to test with but just want to
> sanity check it matches my requirements. Have also been looking at the
> airspy. I am still new to the SDR space so sorry if this seems
> obvious.
>
> I am looking to detect the presence of a set of known VHF beacons
> transmitting in the 142-144MHz range (at 10kHz increments a, 40 pulses
> per minute, each 10ms long) at around 5 mW radiated power. So, for
> example, there may be 6 beacons scattered across that range that I
> would need to continuously listen for and map out the signal strength.
>

> I need a lightweight/mobile solution and planned to hookup the dongle
> to a Pi 2 or Odroid UX4 which records the data in real time so it can
> be processed offline into a heatmap of the signal strength.
>
> It is not quite clear to me how wide the band can be that the dongle
> can listen on continuously. Would it be able to cover the 2MHz range
> in one shot or would a sliding window be needed (if so, how wide can
> this window be to reliably detect the beacons and how long to traverse
> the 2 MHz range).
>
> Any other caveats or reasons the above would not work would be
> appreciated.
>
> Thanks,
>
> Dirk
>
>
>

9798. Re: [FUNcube] dongle pro+ for beacon monitoring

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-11 11:04:45 UTC
From: Robin Gape (FCD)
Topic: 9796 Message: 9798

See inline comments below:

N.B. Your query would be better directed to the *FCDPP Yahoo group* at https://uk.groups.yahoo.com/neo/groups/Fcdproplus/info.

Robin, G8DQX

On 11/08/15 10:12, Dirk Gorissen dgorissen@... [FUNcube] wrote:
>
> Hello,
>
> Im investigating a Funcube Dongle Pro+ to test with but just want to
> sanity check it matches my requirements. Have also been looking at the
> airspy. I am still new to the SDR space so sorry if this seems
> obvious.
>
> I am looking to detect the presence of a set of known VHF beacons
> transmitting in the 142-144MHz range (at 10kHz increments a, 40 pulses
> per minute, each 10ms long) at around 5 mW radiated power. So, for
> example, there may be 6 beacons scattered across that range that I
> would need to continuously listen for and map out the signal strength.
>
To what end?
>
>
> I need a lightweight/mobile solution and planned to hookup the dongle
> to a Pi 2 or Odroid UX4 which records the data in real time so it can
> be processed offline into a heatmap of the signal strength.
>
You haven't told us what software you (or your team) intend to use, nor your familiarity with the technology, RF, SDR and Linux. Do you intend to use GNURadio? How much time and other resources are available?
>
>
> It is not quite clear to me how wide the band can be that the dongle
> can listen on continuously.
>
The Funcube Dongle Pro+ (FCDPP) has an instantaneous receive bandwidth of just under 192kHz, ±96kHz from the nominal centre frequency.
>
> Would it be able to cover the 2MHz range
> in one shot
>
No!
>
> or would a sliding window be needed (if so, how wide can

> this window be to reliably detect the beacons
>
That rather depends on the signal processing that is to be done, and
signal parameters such as signal/noise ratio (S/N), frequency stability,
required precision of measurement &c. &c.
>
> and how long to traverse
> the 2 MHz range).
>
Assuming 100ms settling time, and 180 kHz effective bandwidth, then a
full scan would take 1.2 seconds just for settling time, and probably
longer. Then one needs to add necessary time to take a signal strength
sample.
>
>
> Any other caveats or reasons the above would not work would be
> appreciated.
>
Both the FCDPP and Airspy are fine bits of kit, but both have strong
signal handling limitations. In particular, depending on your local
circumstances, it may be necessary to filter the RF input to avoid overload.
>
>
> Thanks,
>
> Dirk
>
>

9799. FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-16 21:40:23 UTC
From: Graham Shirville
Topic: 9799 Message: 9799

Hi All,

Just to confirm that FUNcube-1 was switched back to autonomous mode during its last pass over Europe at approx 20:58 UTC this evening

73

Graham
G3VZV

9800. No sound in FCD Pro

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-18 14:17:22 UTC
From: PANDIT, VU2DCT
Topic: 9800 Message: 9800

I have a fcd pro. After a couple of month when I connected my fcd to laptop there is no sound. I tried it on spectraview hdsdr and sdr radio software.
can anyone help me in this regard.
73's

PANDIT VU2DCT

9801. Danish CubeSats head to ISS + other news links

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-19 21:21:06 UTC
From: M5AKA
Topic: 9801 Message: 9801

Danish CubeSats head for ISS. They are expected to be deployed in September by Danish astronaut Andreas Mogensen KG5GCZ who attended the 2009 AMSAT-UK International Space Colloquium
http://amsat-uk.org/2015/08/19/danish-cubesats-head-for-iss/

Newspaper story - School students decode ISS images
http://amsat-uk.org/2015/08/19/school-students-decode-iss-images/

UKHAS Conference on Saturday
http://amsat-uk.org/2015/08/17/ukhas-conference-on-saturday/

RSGB Letter to PC Pro Magazine mentions satellites and FUNcube
http://amsat-uk.org/2015/08/15/rsgb-pc-pro-letter/

When ISS Ham Radio might be off
http://amsat-uk.org/2015/08/19/when-iss-ham-radio-might-be-off/

ARISS International Meet This Week in Tokyo
http://amsat-uk.org/2015/08/16/ariss-international-tokyo-meeting/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9802. IARU Coordination of Satellite Frequencies

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-20 11:16:35 UTC
From: M5AKA
Topic: 9802 Message: 9802

The IARU have announced they are committed to only coordinate satellite frequencies within the internationally aligned IARU band plans
http://amsat-uk.org/2015/08/20/iaru-coordination-of-satellite-frequencies/

Rad1o 50-4000 MHz SDR Transceiver video features AMSAT-TAPR Banquet speaker Michael Ossmann AD0NR
http://amsat-uk.org/2015/08/13/michael-ossmann-chaos-computer-camp/

Amateur Radio Allocations Discussed
http://amsat-uk.org/2015/08/13/amateur-radio-allocations-discussed/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9803. UK NanoSat Weekend

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-20 19:18:20 UTC
From: M5AKA
Topic: 9803 Message: 9803

Would you like to build your own satellite?

Would you like to do that in a single weekend…and fly it too?

The Satellite Applications Catapult has developed a build-your-own satellite kit. Over the course of a weekend you will assemble, test and program your own satellite, your results will then be tested by flying the kits on a weather balloon!

See http://amsat-uk.org/2015/08/20/uk-nanosat-weekend/

Other news:

FUNcube-1 - Evening transponder time increasing in Northern Hemisphere
http://amsat.org/pipermail/amsat-bb/2015-August/054549.html

Amateur Radio and ISS on ABC radio show
http://amsat-uk.org/2015/08/20/amateur-radio-and-iss-on-abc-radio-show/

JoAnne K9JKM posted - http://spotthestation.nasa.gov/ is a cool tool to find the times that the ISS and the H-II transfer vehicle are eyeball visible for the next few days.
H-II and ISS are about 10 minutes apart (with H-II flying by first) from an earthling's point of view.

In orbit for more than 20 years the RS-15 Satellite Beacon can still be heard on 29.3525 MHz
https://www.youtube.com/watch?v=Gf8t2O2ytbo

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9804. FCD PRO not-Plus question

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-22 09:53:30 UTC
From: APBIDDLE@...
Topic: 9804 Message: 9804

I normally use a FCD PRO+, but have a basic FCD PRO which I have pulled out for use at another QTH. Unlike the plus version, it has a large number of parameters to optimize. I realize there are a lot of variables in use, but does anybody have a recommendation for changes from the defaults for a typical AO-73 with small yagi or J-pole application?

73s,

Alan
WA4SCA

9805. AW: [FUNcube] FCD PRO not-Plus question

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-22 10:31:36 UTC
From: siegfried jackstien
Topic: 9804 Message: 9805

Here my setting

Lna gain 20db

Mixer gain 4db

Mixer filter 1.9mhz

If1 gain 3 db

gain mode linear (can also be switched to sensitive ... depends on receiving situation)

if rc filter 1.0mhz

if gain 2-4 3db/3db/1db

if filter 2.15 mhz

if gain 5 and 6 both set to 3db

....

So that means all gain settings set to minimum or one setting above minimum

And all filters set to narrowest setting

....

Hope that helps you a bit (it should give a good starting point)

Dg9bfc

sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Samstag, 22. August 2015 09:54
> An: FUNcube@...
> Betreff: [FUNcube] FCD PRO not-Plus question
>
>
>
> I normally use a FCD PRO+, but have a basic FCD PRO which I have pulled
> out for use at another QTH. Unlike the plus version, it has a large
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> in use, but does anybody have a recommendation for changes from the
> defaults for a typical AO-73 with small yagi or J-pole application?
>

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> 73s,
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> Alan
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> WA4SCA
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9806. Re: AW: [FUNcube] FCD PRO not-Plus question

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-22 14:28:13 UTC
From: Jim Sanford
Topic: 9804 Message: 9806

How do you get to these settings???
My FCDPro appears to work, but won't hear anything. To wit, I tune it
to 444.65 FM, and connect to a signal generator -- NOTHING.
Any advice gratefully appreciated!
73,
Jim
wb4gcs @...

On 8/22/2015 6:31 AM, 'siegfried jackstien'
siegfried.jackstien@... [FUNcube] wrote:
>
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> Lna gain 20db
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> Mixer gain 4db
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> Dg9bfc

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> sigi
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> > -----Urspr?ngliche Nachricht-----
> > Von: FUNcube@... [mailto:FUNcube@...]
> > Gesendet: Samstag, 22. August 2015 09:54
> > An: FUNcube@...
> > Betreff: [FUNcube] FCD PRO not-Plus question
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> > I normally use a FCD PRO+, but have a basic FCD PRO which I have pulled
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https://www.avast.com/antivirus

9807. Re: [FUNcube] FCD PRO not-Plus question

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-22 14:52:29 UTC
From: Mike Murphree
Topic: 9804 Message: 9807

On Saturday, August 22, 2015, 'siegfried jackstien'
siegfried.jackstien@... [FUNcube] <FUNcube@...> wrote:

>
>
> Here my setting
>
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> Mixer gain 4db
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> Mixer filter 1.9mhz
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> If1 gain 3 db
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> So that means all gain settings set to minimum or one setting above minimum
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>
> ....
>
> Hope that helps you a bit (it should give a good starting point)
>
> Dg9bfc
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> sigi
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>
Those settings generally work for me as well. The Pro has lots of gain and
easily overloads. My Pro+ receives but seems deaf as a post.

73
Mike N4MHO

9808. AW: [FUNcube] FCD PRO not-Plus question

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-22 21:55:15 UTC
From: siegfried jackstien
Topic: 9804 Message: 9808

I could not find that fcdpp is deaf ... does receive well ... even low signals

I use it nearly every day for tracking weather sondes ... and these sondes only transmit with around 100mw (and sometimes are 200km away from me)

Receiveing is done with a stacked groundplane (x300) or with a short beam

As you see antenna gain is not that much

So ... it seems that MY fcdpp works better than yours :-)

Dg9bfc

Sigi

Ps ... also an fcdpp can be easy overloaded

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@yahoogroups.co.uk [mailto:FUNcube@...]
> Gesendet: Samstag, 22. August 2015 14:52
> An: FUNcube@...
> Betreff: Re: [FUNcube] FCD PRO not-Plus question
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> On Saturday, August 22, 2015, 'siegfried jackstien'
> siegfried.jackstien@... [FUNcube] <FUNcube@yahoogroups.co.uk>
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> Hope that helps you a bit (it should give a good starting point)
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> Those settings generally work for me as well. The Pro has lots of gain and
> easily overloads. My Pro+ receives but seems deaf as a post.
>
> 73
> Mike N4MHO
>
>
>

9809. AW: AW: [FUNcube] FCD PRO not-Plus question

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-22 22:07:14 UTC
From: siegfried jackstien
Topic: 9804 Message: 9809

How to get to the configure window?? Nothing as easy as that

In sdrsharp you click on the configure button (and the setting window pops up)

In hdsdr you click on the extio button (and also there the settings window pops up)

After you made all needed changes (ppm setting included) then in the settings window on upper left corner is "file" save as default ...

After saving the settings they will always be used after startup

.....

What soft do you use??

Did you select the fcd(nonplus) as the input in your sdrsoft??

Do you see the signal (from your test transmitter) in the spectrum view???

Did you maybe switched the iq setting (interchanged I and q signal and so receiving on wrong side of the lo frequency)

.....

I can not help if I do not know any details ...

It is not that difficult to set all correct (if you know how to do that) ... but if you have a few settings wrong ... then no wonder you can not receive anything

So ... give me some details and maybe I can help you with the settings

Greetz

Sigi

Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
> Gesendet: Samstag, 22. August 2015 14:28
> An: FUNcube@...
> Betreff: Re: AW: [FUNcube] FCD PRO not-Plus question
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>
> How do you get to these settings???

> My FCDPro appears to work, but won't hear anything. To wit, I tune it to
> 444.65 FM, and connect to a signal generator -- NOTHING.
> Any advice gratefully appreciated!
> 73,
> Jim
> wb4gcs @...
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> On 8/22/2015 6:31 AM, 'siegfried jackstien' siegfried.jackstien@...
> [FUNcube] wrote:
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> > -----Ursprüngliche Nachricht-----
> > Von: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
> > Gesendet: Samstag, 22. August 2015 09:54
> > An: FUNcube@yahoogroups.co.uk
> > Betreff: [FUNcube] FCD PRO not-Plus question
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9810. Re:: FCD PRO not-Plus question

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-23 11:14:52 UTC
From: APBIDDLE@...
Topic: 9804 Message: 9810

Sigi,

Thank you for the excellent information. Having information from someone with experience will save me considerable time.

73s,

Alan
WA4SCA

9811. FUNcube-1 now in autonomous mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-23 21:43:18 UTC
From: Graham Shirville
Topic: 9811 Message: 9811

Just to advise that FUNcube-1 is now operating in autonomous mode.

73

Graham
G3VZV

9812. Re: AW: AW: [FUNcube] FCD PRO not-Plus question

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-24 17:20:57 UTC
From: Jim Sanford
Topic: 9804 Message: 9812

Sigi:
Thanks.
I am using HDSDR. First problem was I couldn't get the screen to make
the settings cited below. Played around and selected "Expert", then got
the form to set settings.
IF 2- 4 gain were all set at ZERO; they are now set as you advised.
I saved as default.
I still can't even hear my own transmitter on 448.56 MHz FM, or see
evidence of it. It is as if the FCD is tuned somewhere else.

At the bottom right of the settings window it says:
Device: FCDAPP 18.10 Brd 1.1 No blk
At the bottom left of the settings window it says:
(Green) PLL Status

In SoundCard window, my only options are:
Microphone (FUNCube Dongle V1.0)
or
Microphone (Conexant audio) <== my laptop microphone input.

To be sure, I exited ExtIO and tried again, no change. Then I stopped
the program and exited HDSDR.

Restarted, and I still see the same behaviour. When I transmit, the
noise floor goes up, but no signals are seen.

Your advice appreciated!
Thanks,
Jim
wb4gcs@...

On 8/22/2015 6:07 PM, 'siegfried jackstien'
siegfried.jackstien@... [FUNcube] wrote:
>
> How to get to the configure window?? Nothing as easy as that
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> In sdrsharp you click on the configure button (and the setting window pops
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> In hdsdr you click on the extio button (and also there the settings window
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> After you made all needed changes (ppm setting included) then in the
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> After saving the settings they will always be used after startup

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> What soft do you use??
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> Did you select the fcd(nonplus) as the input in your sdrsoft??
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> Do you see the signal (from your test transmitter) in the spectrum view???
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> Did you maybe switched the iq setting (interchanged I and q signal and so
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> I can not help if I do not know any details ...
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> It is not that difficult to set all correct (if you know how to do
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> but if you have a few settings wrong ... then no wonder you can not
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> So ... give me some details and maybe I can help you with the settings
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> Dg9bfc
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> > -----Urspr?ngliche Nachricht-----
> > Von: FUNcube@... [mailto:FUNcube@...]
> > Gesendet: Samstag, 22. August 2015 14:28
> > An: FUNcube@...
> > Betreff: Re: AW: [FUNcube] FCD PRO not-Plus question
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> > How do you get to these settings???
> > My FCDPro appears to work, but won't hear anything. To wit, I tune it to
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9813. Re: AW: [FUNcube] FCD PRO not-Plus question

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-24 17:46:00 UTC
From: Iz Oos
Topic: 9804 Message: 9813

Mine has plenty of sensitivity. I would keep the LNA lower than 20db but that depends on your antenna system. Have you tried SDRsharp? SDRsharp works great with Windows although I prefer GQRX which works with linux.

Il Sabato 22 Agosto 2015 16:28, "Jim Sanford wb4gcs@... [FUNcube]" <FUNcube@...> ha scritto:

  How do you get to these settings???
My FCDPro appears to work, but won't hear anything. To wit, I tune it to 444.65 FM, and connect to a signal generator -- NOTHING.
Any advice gratefully appreciated!
73,
Jim
wb4gcs @...

On 8/22/2015 6:31 AM, 'siegfried jackstien' siegfried.jackstien@freenet.de [FUNcube] wrote:

  Here my setting

Lna gain 20db

Mixer gain 4db

Mixer filter 1.9mhz

If1 gain 3 db

gain mode linear (can also be switched to sensitive ... depends on receiving situation)

if rc filter 1.0mhz

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if gain 5 and 6 both set to 3db

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So that means all gain settings set to minimum or one setting above minimum

And all filters set to narrowest setting

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Hope that helps you a bit (it should give a good starting point)

Dg9bfc

sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
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9814. Funcube Dashboard vs PC type and OS

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-25 07:40:08 UTC
From: willis.mj@...
Topic: 9814 Message: 9814

I noticed some odd results yesterday. I tried running the dashboard on a PIPO X8 under windows 10. This is a very cheap, low power consumption PC. If it works it could save quite a bit of electricity.

The first thing I noticed was when the screen blanks the decoder stopped running - easily fixed but I lost a half-days operation. I don't know if that is a function of Windows 10 but I can conclude Windows 10 is not a suitable operating system for a machine expected to run unsupervised as I also discovered there is no way to stop it automatically rebooting whenever there is a windows update, apart from disabling the updates completely by fooling it into thinking it is on a metered connection. If you were thinking of moving to Windows 10, don't. At least not yet.

Even after disabling the screen saver, the decoding performance has been significantly down on my regular PC, the problem seems to be in the auto tuning function which doesn't find the beacon. I found was resolutely sticking at the last tuned frequency, even though auto was checked. An experiment moving the window it remained fixed in the red keep out area until I restarted the program, i.e. it had stopped auto tuning. It was the same FCD and the same antenna system so logically this is related to software, maybe a feature of Windows 10. I have left both machines running at the same time today (with 2 dongles) and we will see what happens.

Mike

9815. Re: [FUNcube] Funcube Dashboard vs PC type and OS

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-25 08:22:58 UTC
From: Graham Shirville
Topic: 9814 Message: 9815
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Mike,

Just to add balance...I have been running the dashboard on a full fat PC upgraded to W10 for a couple of weeks now without any obvious difference in performance.

Points to note:
I dont run a screensaver
I do have the red areas brought in from both ends as I have lots of local QRM. I have sometimes noticed (well before W10 came on the scene) a tendency for the green bar to stick if the bottom red bar was not used, but I have never managed to really identify what configuration sometime casues this and havent been able to get the developers working on it....they are bit busy with Nayif-1 and ESEO at this time.
Four machines in the shack updated to W10 so far , with all the usual satellite software on them and no problems experienced at all. Even an old, atom powered, Samsung notebook seems happy!
I haven't even seen any reboots/updates occur yet

I believe that the Dashboard developers have also been using W10 for some time without problem but I will double check this with them and I will start a “W10 – any problems?” thread on the FUNcube forum http://forum.funcube.org.uk/

Finally many thanks for your great support for both FC1 and FC2!

73

Graham

From: mailto:FUNcube@...
Sent: Tuesday, August 25, 2015 8:40 AM
To: FUNcube@...
Subject: [FUNcube] Funcube Dashboard vs PC type and OS

I noticed some odd results yesterday. I tried running the dashboard on a PIPO X8 under windows 10. This is a very cheap, low power consumption PC. If it works it could save quite a bit of electricity.

The first thing I noticed was when the screen blanks the decoder stopped running - easily fixed but I lost a half-days operation. I don't know if that is a function of Windows 10 but I can conclude Windows 10 is not a suitable operating system for a machine expected to run unsupervised as I also discovered there is no way to stop it automatically rebooting whenever there is a windows update, apart from disabling the updates completely by fooling it into thinking it is on a metered connection. If you were thinking of moving to Windows 10, don't. At least not yet.

Even after disabling the screen saver, the decoding performance has been significantly down on my regular PC, the problem seems to be in the auto tuning function which doesn't find

the beacon. I found was resolutely sticking at the last tuned frequency, even though auto was checked. An experiment moving the window it remained fixed in the red keep out area until I restarted the program, i.e. it had stopped auto tuning. It was the same FCD and the same antenna system so logically this is related to software, maybe a feature of Windows 10. I have left both machines running at the same time today (with 2 dongles) and we will see what happens.

Mike

9816. Re:: Funcube Dashboard vs PC type and OS

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-26 13:32:04 UTC
From: willis.mj@...
Topic: 9814 Message: 9816

Hi Graham

It appears the PIPO is slower to lock up than my main PC. Once locked they are the same. This makes the largest difference when signals are weak, e.g. today 1pm pass, the first fitter message on my main PC is 1:05:23pm whereas on the pipo its 1:07:12pm. Given the main machine also got a fitter message at 1:07:06pm it looks like PIPO took an extra couple of minutes to lock up.

Looks like I need to keep running the main PC.

Mike

9817. "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-27 18:15:30 UTC
From: jules@...
Topic: 9817 Message: 9817

This has probably been answered before, but I could not find any details on the group.

I have the FCD pro+ working fine on the latest Dashboard (V848) on XP.
I'm trying to move it across to a machine with a new install of Win7. Using the same version of the Dashboard I am getting an error "Unable to capture using FUNcube Dongle". The dongle works fine when talking to FCHID2 and on the old XP machine.

I've run out of ideas and google searches. Anyone got any ideas?

Cheers
Jules
g0nzo

9818. Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-27 18:44:09 UTC
From: Alan
Topic: 9817 Message: 9818

Original Message -----
Subject: [FUNcube] "Unable to capture..." PCD pro+ with win7

> This has probably been answered before, but I could not find any details on the group.
>
> with a new install of Win7. Using the same version of the Dashboard I am getting an error "Unable to capture using FUNcube
> Dongle".
> The dongle works fine when talking to FCHID2 and on the old XP machine.
>

Jules

First make sure the FCD is selected as a Recording Device in Windows.

73 Alan G4ZFQ

9819. Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-28 16:25:43 UTC
From: jules@...
Topic: 9817 Message: 9819

Yep, it is selected.

9820. FUNcube-1 Operations thsi weekend

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-28 22:08:55 UTC
From: Graham Shirville
Topic: 9820 Message: 9820

Hi All,

Apologies but it has not been possible to switch FC1 over to Transponder Mode this evening as usually happens.

We expect that this will now occur tomorrow morning or maybe tomorrow evening

thanks and 73

Graham

9821. Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-29 06:20:33 UTC
From: Alan
Topic: 9817 Message: 9821

Original Message -----
Subject: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

> I am getting an error "Unable to capture using FUNcube Dongle".
> Yep, it is selected.

And what is the computer? A new one with USB3?

73 Alan G4ZFQ

9822. Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-29 10:09:51 UTC
From: jules@...
Topic: 9817 Message: 9822

Nope, I'm too tight for that.
It's USB2, an E 5400 based machine with Win7Ultimate.

To recap. The exact process was.....
The machine was a fresh OS install, with all the updates done.
After that, the FC dashboard v848 was downloaded and installed, and the FCD P+ plugged in, and left for a while to find/install the drivers.
Setup for the FCD in the dashboard.
The FCD was avail in tne capture options, so selected that.
Get message ' Unable to capture from FunCUBE Dongle...'

The FCD works fine with the FCHID2 on the win 7 machine.
It appears as the selected recording device on the Win 7 machine. It is referred to as 'Line - 2 Funcube Dongle V2.0'. Shown as enabled and generally happy with the world.
The FCD is fine on the old XP laptop that I have been using up till now.

Jules

9823. Re: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-29 10:31:44 UTC
From: Alan
Topic: 9817 Message: 9823

Original Message -----
Subject: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Jules

Looks good.
Can you use it with HDSDR or SDR#?
If no-one here has an answer have you looked/asked here http://forum.funcube.org.uk/ ?

73 Alan G4ZFQ

> Nope, I'm too tight for that.
> It's USB2, an E 5400 based machine with Win7Ultimate.
>
> To recap. The exact process was.....
> The machine was a fresh OS install, with all the updates done.
> After that, the FC dashboard v848 was downloaded and installed, and the FCD P+ plugged in, and left for a while to find/install
> the drivers.
> Setup for the FCD in the dashboard.
> The FCD was avail in tne capture options, so selected that.
> Get message ' Unable to capture from FunCUBE Dongle...'
>
>
> The FCD works fine with the FCHID2 on the win 7 machine.
> It appears as the selected recording device on the Win 7 machine. It is referred to as 'Line - 2 Funcube Dongle V2.0'. Shown as
> enabled and generally happy with the world.
> The FCD is fine on the old XP laptop that I have been using up till now.
>
>

9824. Re: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-29 10:33:17 UTC
From: Graham Shirville
Topic: 9817 Message: 9824

Hi Jules,

I am scratching my head on this one so I have reported your notes on the FUNcube forum as http://forum.funcube.org.uk/index.php it seems Dashboard related.

I will see when we get some comments from the developer but I know he is in family holiday mode this weekend!

I have a W7 laptop here with three USB3 sockets – the Dongle works fine in two but is never seen by the dashboard when plugged into the third one. This is not your effect as the “capture from Dongle” option is greyed out. As I have two working sockets I have never bothered to investigate further..

cheers

Graham
G3VZV

From: mailto:FUNcube@...
Sent: Saturday, August 29, 2015 11:09 AM
To: FUNcube@...
Subject: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Nope, I'm too tight for that.
It's USB2, an E 5400 based machine with Win7Ultimate.

To recap. The exact process was.....
The machine was a fresh OS install, with all the updates done.
After that, the FC dashboard v848 was downloaded and installed, and the FCD P+ plugged in, and left for a while to find/install the drivers.
Setup for the FCD in the dashboard.
The FCD was avail in tne capture options, so selected that.
Get message ' Unable to capture from FunCUBE Dongle...'

The FCD works fine with the FCHID2 on the win 7 machine.
It appears as the selected recording device on the Win 7 machine. It is referred to as 'Line - 2 Funcube Dongle V2.0'. Shown as enabled and generally happy with the world.
The FCD is fine on the old XP laptop that I have been using up till now.

Jules

9825. Re: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-29 10:45:01 UTC
From: Alan
Topic: 9817 Message: 9825

Original Message -----
Subject: Re: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

> I have reported your notes on the FUNcube forum as http://forum.funcube.org.uk/index.php it seems Dashboard related.

Graham

Yes seems that way..

>I have a W7 laptop here with three USB3 sockets – the Dongle works fine in two but is never seen by the dashboard when plugged into
>the third one.

It seems many computers with USB3 offer poor USB1 support. As you have found swapping sockets sometimes finds the USB1 compatible
connection.
Others have found using a muti TT hub or extension cable rectifies the problem.

73 Alan G4ZFQ

9826. Re:: Re: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-29 14:23:34 UTC
From: jules@...
Topic: 9817 Message: 9826

Cheers Graham.
Still have the XP machine available, so will wait to hear what the lads say.

Jules

9828. AW: AW: AW: [FUNcube] FCD PRO not-Plus question

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-30 18:17:11 UTC
From: siegfried jackstien
Topic: 9804 Message: 9828

Did you select change i q signal??? (then you would receive at the wrong side of the lo freq

As an example

Fcd lo tuned to 448.55

Then your transmitter should be seen 10 kc above centre

When you have changed iq setting then it is shown BELOW centre

....

Next is

When HEAVY OVERLOADED (what you maybe have with receiving your local transceiver signal!!) ... then you see lots of ghost signal that are also mixing with you wanted signal (and the end-result is rubbish)

So ... to see a local signal you have to lower all gain settings

(or you have to have a VERY LOOOOSE coupling towards receiver)

Do you have a way to use a different signal for checking the frequency??

Maybe a local repeater??

Or ... use a local fm station

Hdsdr will not receive that very well cause local fm radio has a higher deviation that the fcd can receive (with some fine tuning it works here cause in dl the deviation on the fm stations is not tooo high ... but that□s another story) ...

Or maybe you have an airport close to you so you can receive their weather reports or other signals from there??

....

First thing is fnding out the right settings

... also the ppm settings have to be set correct ... or your tuning will be way off

If everything fails ... then use your own transmitter ... but with very low power ... and NO ANTENNA on the fcd!!! ...and set the gain on all stages to lower settings as I told you before cause the overloading will show you false readings!! ...

You wrote that you can not see your own transmitter

Did you key the transmitter and tuned the fcd around ??? you should find
your own signal (even if way off frequency)

Hope I can help you

Greetz

Sigi

Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Montag, 24. August 2015 17:21
> An: FUNcube@...
> Betreff: Re: AW: AW: [FUNcube] FCD PRO not-Plus question
>
>
>
> Sigi:
> Thanks.
> I am using HDSDR. First problem was I couldn't get the screen to make the
> settings cited below. Played around and selected "Expert", then got the
> form to set settings.
> IF 2- 4 gain were all set at ZERO; they are now set as you advised.
> I saved as default.
> I still can't even hear my own transmitter on 448.56 MHz FM, or see
> evidence of it. It is as if the FCD is tuned somewhere else.
>
> At the bottom right of the settings window it says:
> Device: FCDAPP 18.10 Brd 1.1 No blk
> At the bottom left of the settings window it says:
> (Green) PLL Status
>
> In SoundCard window, my only options are:
> Microphone (FUNCube Dongle V1.0)
> or
> Microphone (Conexant audio) <== my laptop microphone input.
>
> To be sure, I exited ExtIO and tried again, no change. Then I stopped the
> program and exited HDSDR.
>
> Restarted, and I still see the same behaviour. When I transmit, the noise
> floor goes up, but no signals are seen.
>
> Your advice appreciated!
> Thanks,
> Jim
> wb4gcs@amsat.org
>
>

>
>
> On 8/22/2015 6:07 PM, 'siegfried jackstien' siegfried.jackstien@...
> [FUNcube] wrote:
>
>
>
>
> How to get to the configure window?? Nothing as easy as that
>
> In sdrsharp you click on the configure button (and the setting
> window pops
> up)
>
> In hdsdr you click on the extio button (and also there the settings
> window
> pops up)
>
> After you made all needed changes (ppm setting included) then in the
> settings window on upper left corner is "file" save as default ...
>
> After saving the settings they will always be used after startup
>
> .....
>
> What soft do you use??
>
> Did you select the fcd(nonplus) as the input in your sdrsoft??
>
> Do you see the signal (from your test transmitter) in the spectrum
> view???
>
> Did you maybe switched the iq setting (interchanged I and q signal
> and so
> receiving on wrong side of the lo frequency)
>
> .....
>
> I can not help if I do not know any details ...
>
> It is not that difficult to set all correct (if you know how to do
> that) ...
> but if you have a few settings wrong ... then no wonder you can not
> receive
> anything
>
> So ... give me some details and maybe I can help you with the
> settings
>
> Greetz

>
> Sigi
>
> Dg9bfc
>
> > -----Ursprüngliche Nachricht-----
> > Von: FUNcube@....uk [mailto:FUNcube@...]
> > Gesendet: Samstag, 22. August 2015 14:28
> > An: FUNcube@...
> > Betreff: Re: AW: [FUNcube] FCD PRO not-Plus question
> >
> >
> >
> > How do you get to these settings???
> > My FCDPro appears to work, but won't hear anything. To wit, I tune
> it to
> > 444.65 FM, and connect to a signal generator -- NOTHING.
> > Any advice gratefully appreciated!
> > 73,
> > Jim
> > wb4gcs @amsat.org
> >
> >
> >
> >
> > On 8/22/2015 6:31 AM, 'siegfried jackstien'
> siegfried.jackstien@...
> > [FUNcube] wrote:
> >
> >
> >
> >
> > Here my setting
> >
> > Lna gain 20db
> >
> > Mixer gain 4db
> >
> > Mixer filter 1.9mhz
> >
> > If1 gain 3 db
> >
> > gain mode linear (can also be switched to sensitive ... depends on
> > receiving
> > situation)
> >
> > if rc filter 1.0mhz
> >
> > if gain 2-4 3db/3db/1db
> >

> > if filter 2.15 mhz
> >
> > if gain 5 and 6 both set to 3db
> >
> > ....
> >
> > So that means all gain settings set to minimum or one setting
> above
> > minimum
> >
> > And all filters set to narrowest setting
> >
> > ....
> >
> > Hope that helps you a bit (it should give a good starting point)
> >
> > Dg9bfc
> >
> > sigi
> >
> > > -----Ursprüngliche Nachricht-----
> > > Von: FUNcube@...
> [mailto:FUNcube@...]
> > > Gesendet: Samstag, 22. August 2015 09:54
> > > An: FUNcube@...
> > > Betreff: [FUNcube] FCD PRO not-Plus question
> > >
> > >
> > >
> > > I normally use a FCD PRO+, but have a basic FCD PRO which I have
> > pulled
> > > out for use at another QTH. Unlike the plus version, it has a
> > large
> > > number of parameters to optimize. I realize there are a lot of
> > variables
> > > in use, but does anybody have a recommendation for changes from
> > the
> > > defaults for a typical AO-73 with small yagi or J-pole
> > application?
> > >
> > >
> > >
> > >
> > >
> > > 73s,
> > >
> > >
> > >
> > >
> > > Alan

> > >
> > > WA4SCA
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> > _____
> >
> > Avast logo <https://www.avast.com/antivirus>
> <https://www.avast.com/antivirus> This email has been
> > checked for viruses by Avast antivirus software.
> > www.avast.com <https://www.avast.com/antivirus>
> <https://www.avast.com/antivirus>
> >
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> _____
>
> Avast logo <https://www.avast.com/antivirus> This email has been
> checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
>
>
>

9829. Re: : Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-31 07:02:20 UTC
From: Hosten, Eric (Dr) (Summerstrand Campus So
Topic: 9817 Message: 9829

Hi Jules,

I had the same error message ("Unable to capture from FunCUBE Dongle") on a Win 7 installation. I tried all sort of things and in the end I thought my Funcube must be faulty. As a last resort, I unplugged the Funcube and ran USBDeview (see link below) and I uninstalled all the unconnected devices I did not recognize as well as unconnected audio devices. When I plugged my Funcube in again, Windows reinstalled the necessary drivers and Dashboard was once again able to capture data from the dongle.

http://www.nirsoft.net/utils/usb_devices_view.html

Regards,
Eric ZS2ECH

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http://www.nmmu.ac.za/disclaimer/email.htm

9830. Soyuz launch + $50SAT Falls Silent

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-08-31 20:26:22 UTC
From: M5AKA
Topic: 9830 Message: 9830

Radio hams launch on Soyuz to ISS Wednesday, September 2
http://amsat-uk.org/2015/08/31/radio-hams-launch-to-iss-wednesday/

$50SAT Falls Silent
http://amsat-uk.org/2015/08/30/50sat-falls-silent/

LAPAN-A2 with FM transponder and Digipeater Launches September 28
http://amsat-uk.org/2015/08/30/lapan-a2-launch/

Frequencies for nine of the satellites launching on a CZ-6 Sept 5-7
http://amsat-uk.org/satellites/communications/camsat-xw-2/

7599 km DX contact on FO-29
http://amsat-uk.org/2015/08/28/7599-km-dx-contact-on-fo-29/

CPUT planning successor to Africa’s first nanosatellite
http://amsat-uk.org/2015/08/25/cput-planning-successor-to-africas-first-nanosatellite/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9831. Funcube dongle pro dissappered from the system

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-06 16:08:01 UTC
From: Jirka Mww
Topic: 9831 Message: 9831

Dear friends,

I really need your help. I have made some experiments with RTL SDR dongle , which were successful, but after these experiments my Funcube dongle Pro disappeared from the system. Not completelly, FCHid see it, it is possible to communicate with it, but there is no more Funcube as a sound card in HDSDR , Spectran or SDRSharp. I tried to remove all SW related to RTL dongle,
tried to disconnect Funcube and install it from scratch , but no chance.
System is Windows XP home SP3, nothing special.

--
73! and thanks in advance
Jiri OK1MWW

9832. Nayif-1 Transponder CubeSat shipped to The Netherlands

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-06 17:58:53 UTC
From: M5AKA
Topic: 9832 Message: 9832

Nayif-1 Transponder CubeSat shipped to The Netherlands
http://amsat-uk.org/2015/09/06/nayif-1-cubesat-shipped-to-the-netherlands/

Beijing may be planning three ham radio launches in coming weeks
http://amsat-uk.org/2015/09/06/three-ham-radio-launches-planned-by-beijing/

Satellite Operating in TX Factor Show
http://amsat-uk.org/2015/09/02/satellite-operating-in-tx-factor-show/

Lessons from the draft UK regulations for CubeSats
http://amsat-uk.org/2015/09/01/lessons-from-the-draft-uk-regulations-for-cubesats/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9833. Re: [FUNcube] Funcube dongle pro dissappered from the system

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-06 18:13:09 UTC
From: Alan
Topic: 9831 Message: 9833

Original Message -----
Subject: [FUNcube] Funcube dongle pro dissappered from the system

> I have made some experiments with RTL SDR
> dongle , which were successful, but after these experiments my Funcube
> dongle Pro disappeared from the system. Not completelly, FCHid see it,
> it is possible to communicate with it, but there is no more Funcube
> as a sound card in HDSDR ,
> System is Windows XP home SP3, nothing special.
>

Jiri,

Here is my summary of problems
https://sites.google.com/site/g4zfqradio/using_the_fcd#Problems
But if you used Zadig wrongly to install the WinUSB driver for the FCD I cannot help.
My Win XP just installed the correct driver when I purposely tried that.

You could try Rolling back the driver.

73 Alan G4ZFQ

9834. Re: [FUNcube] Funcube dongle pro dissappered from the system

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-06 18:36:41 UTC
From: Jirka Mww
Topic: 9831 Message: 9834

Hi Alan,
thanks for help.
I have removed everything, related to RTL dongle. Now FCD is found and
istalled and it is working with Spectran.
But with HDSDR it does not work, the SW says that ID is outside of the
allowed range of the system.
I tried it reinstall it several times, but no progress.

2015-09-06 20:13 GMT+02:00 'Alan' g4zfq@... [FUNcube]
<FUNcube@...>:
> Original Message -----
> Subject: [FUNcube] Funcube dongle pro dissappered from the system
>
>
>> I have made some experiments with RTL SDR
>> dongle , which were successful, but after these experiments my Funcube
>> dongle Pro disappeared from the system. Not completelly, FCHid see it,
>> it is possible to communicate with it, but there is no more Funcube
>> as a sound card in HDSDR ,
>> System is Windows XP home SP3, nothing special.
>>
>
> Jiri,
>
> Here is my summary of problems
https://sites.google.com/site/g4zfqradio/using_the_fcd#Problems
> But if you used Zadig wrongly to install the WinUSB driver for the FCD I cannot help.
> My Win XP just installed the correct driver when I purposely tried that.
>
> You could try Rolling back the driver.
>
> 73 Alan G4ZFQ
>
>
> ------------------------------------
> Posted by: "Alan" <g4zfq@...>
> ------------------------------------
>
> All up-to-date FCD information at http://funcubedongle.pbworks.com
>
>
> ------------------------------------
>
> Yahoo Groups Links
>

>
>

--
Zdravi
Jirka OK1MWW

9835. Re:: Re: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-07 23:22:34 UTC
From: jules@...
Topic: 9817 Message: 9835

Still having issues with this.
Could anyone with a working Win7/FCD P+ system, be able to post details of the drivers that they have installed (or windows has decided to use) for their system.

Thanks.
Jules

9836. Re: Re:: Re: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-08 07:18:18 UTC
From: Alan
Topic: 9817 Message: 9836
Attachments: 2 described; binary payloads are missing from this source WARC

Original Message -----
Subject: Re:: Re: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

> Could anyone with a working Win7/FCD P+ system, be able to post details of the drivers that they have installed (or windows has
> decided to use) for their system.

Jules,

Attached. Win 7 Ult.
Did you delete hidden devices as suggested on the Dashboard forum?
Does it work with other software?

73 Alan G4ZFQ

9837. Re:: Re: Re:: Re: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-09 08:52:52 UTC
From: jules@...
Topic: 9817 Message: 9837

Alan,

Yes, I deleted all USB devices, even the hidden ones.
Windows chose the drivers to reinstall after a long search of the Updater.

The FCHID program can communicate with it fine.
I have not tried any other SDR software on the machine, as it is only destined to be used with the warehouse and FCD.

Jules

9838. Re: Re:: Re: Re:: Re: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-09 09:55:42 UTC
From: Alan
Topic: 9817 Message: 9838

Original Message -----
Subject: Re:: Re: Re:: Re: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

> I have not tried any other SDR software on the machine, as it is only destined to be used with the warehouse and FCD.
>
>

Jules

But surely this is the way to establish if it will work?
Try other SDR software, if it works then it must be something to do with the Dashboard.
SDR# is easy.
If it does not work with anything else then there is a Windows configuration problem. Maybe you will get an error message.

Did you compare the drivers? Are they the same as mine?

73 Alan G4ZFQ

9839. Re:: "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-09 12:45:44 UTC
From: dgwooldridge@...
Topic: 9839 Message: 9839

Incipiently, if you have not done so already download drveclean up Drive Tools for Windows http://www.uwe-sieber.de/drivetools_e.html

http://www.uwe-sieber.de/drivetools_e.html

Drive Tools for Windows http://www.uwe-sieber.de/drivetools_e.html Home German version of this page Licence All tools on this page work under Windows 2000 and higher. They are Freeware. Allowed: - usage in any envi...

View on www.uwe-sieber.de http://www.uwe-sieber.de/drivetools_e.html
Preview by Yahoo

take out the dongle and run the program as administrator, it will remove all reference of USB devices that have ever been plugged in and since removed, windows may well be trying to reload an incorrect driver each time (windows will not remove these itself)

---In FUNcube@yahoogroups.co.uk, <g4zfq@...> wrote :

Original Message -----
Subject: Re:: Re: Re:: Re: Re:: Re: Re:: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

> I have not tried any other SDR software on the machine, as it is only destined to be used with the warehouse and FCD.
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>

Jules

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Try other SDR software, if it works then it must be something to do with the Dashboard.
SDR# is easy.
If it does not work with anything else then there is a Windows configuration problem. Maybe you will get an error message.

Did you compare the drivers? Are they the same as mine?

73 Alan G4ZFQ

9840. NBTC to help fund JAISAT satellite + UN ISS CubeSats + QB50

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-11 18:22:16 UTC
From: M5AKA
Topic: 9840 Message: 9840

NBTC to help fund JAISAT linear transponder satellite project
http://amsat-uk.org/2015/09/08/nbtc-to-help-fund-jaisat-satellite-project/

United Nations – ISS CubeSat Deployment
http://amsat-uk.org/2015/09/11/united-nations-iss-cubesat-deployment/

QB50 CubeSats to be deployed from ISS
http://amsat-uk.org/2015/09/08/qb50-cubesats-to-be-deployed-from-iss/

New AO-7 Distance Record
http://amsat-uk.org/2015/09/07/new-ao-7-distance-record/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9841. OSCAR News issue 211 available for download

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-15 12:51:32 UTC
From: M5AKA
Topic: 9841 Message: 9841

AMSAT-UK members can now download the new issue of OSCAR News
http://amsat-uk.org/2015/09/15/oscar-news-issue-211/

Fox-1C and Fox-1D FM transponder CubeSats will fly on SHERPA
http://amsat-uk.org/2015/09/12/fox-1c-and-fox-1d-cubesats-will-fly-on-sherpa/

KLETSKOUS CubeSat Update
http://amsat-uk.org/2015/09/12/kletskous-cubesat-update/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9842. Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-16 20:15:43 UTC
From: jules@...
Topic: 9817 Message: 9842

After much head scratching, tinkering, and no small amount of violence, I have managed to solve it.

It seems that the warehouse needs to have an output sound card. And the one in my PC is only accessible when something is plugged into one of the jacks.
So it was actually nothing to do with the FCD !

Thanks for the suggestions guys.

Jules

9843. Transponder satellites to launch this week + ISS SSTV Award

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-16 20:47:55 UTC
From: M5AKA
Topic: 9843 Message: 9843

CAMSAT XW-2 Satellites Launch Information
http://amsat-uk.org/2015/09/16/camsat-xw-2-satellites-launch-info/

15-year-old radio ham receives ISS Apollo-Soyuz SSTV Award
http://amsat-uk.org/2015/09/16/15-year-old-radio-ham-receives-iss-apollo-soyuz-sstv-award/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9844. Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-17 07:33:28 UTC
From: Graham Shirville
Topic: 9817 Message: 9844

Hi Jules,

Thanks for the update...it really annoyed me because I realised that I had already discovered this effect on one of my PCs 18 months ago... and then completely forgotten the issue!

We will now add “...if it doesnt work try plugging a headset into the audio out socket” to the list of lessons learnt

73

Graham

From: mailto:FUNcube@....uk
Sent: Wednesday, September 16, 2015 9:15 PM
To: FUNcube@....uk
Subject: Re: [FUNcube] "Unable to capture..." PCD pro+ with win7

After much head scratching, tinkering, and no small amount of violence, I have managed to solve it.

It seems that the warehouse needs to have an output sound card. And the one in my PC is only accessible when something is plugged into one of the jacks.
So it was actually nothing to do with the FCD !

Thanks for the suggestions guys.

Jules

9845. SERPENS CubeSat deployed from ISS today

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-17 13:51:32 UTC
From: M5AKA
Topic: 9845 Message: 9845

SERPENS CubeSat deployed from ISS today
http://amsat-uk.org/2015/09/17/serpens-cubesat-deployed-from-iss/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9846. Further Amateur Launch by Beijing this week + ESA CubeSats

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-21 15:24:13 UTC
From: M5AKA
Topic: 9846 Message: 9846

Beijing to launch three more satellites with amateur radio payloads around September 25 and a further amateur payload satellite on October 5
http://www.amsatuk.me.uk/iaru/formal_detail.php?serialnum=468
also
http://amsat-uk.org/2015/09/06/three-ham-radio-launches-planned-by-beijing/

New XW-2 satellites – linear transponders active
http://amsat-uk.org/2015/09/20/new-xw-2-satellites-linear-transponders-active/

LilacSat-2 – Linux Live CD for Telemetry Decoding
http://amsat-uk.org/2015/09/20/lilacsat-2-linux-telemetry-decoding/

OUFTI-1, AAUSAT4 and Est@r-II feature in ESA article
http://www.esa.int/Education/CubeSats_-_Fly_Your_Satellite/More_student_CubeSats_getting_ready_for_space

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9847. Fwd: FCD P+ note

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-23 03:07:24 UTC
From: Ed K9EK
Topic: 9847 Message: 9847

Jim:
re FCD problems, I wrote to Alan about my experiences. Not actually sure what he said other than "everybody's different". Not a lot of help. But I thought I would forward it to you.....

Ed K9EK

----- Original Message -----

From: "Alan" <g4zfq@...>
To: "Ed K9EK" <e.krome@...t>
Sent: Tuesday, September 22, 2015 2:34:18 AM
Subject: Re: FCD P+ note

Original Message -----
Subject: FCD P+ note

Ed,

Thanks for your comments.
It is difficult to be specific, systems vary.

All USB sockets are not the same especially now USB3 has come along.
If something does not work in one all the others should be tried.On USB3 systems a multi TT hub may be needed for USB1 devices like
the FCD dongle. You say the FCD does not like hubs, that may depend on the hub, what else is connected, your system, so many
variables. Mine works in a hub.
Some say drivers can be applied to a particular port. One has said their RTL dongle works as a TV stick in one port, an SDR in
another port.

Zadig is just a utility that makes driver installation easy for the computer novice. It does not install itself.
There are not enough warnings, if the instructions for using Zadig are not followed exactly then the wrong driver can be applied to
the wrong device.
Zadig has no "Undo" facility. If a mistake is made then the user often has to become a computer expert and discover what damage has
been done and repair it. This is not "removing Zadig" just repairing the damage carelessness has caused. Just not enough warnings!
A computer expert who is not familiar with non-commercial things like SDR and RTL dongles may find it difficult to understand what
has been done.

Glad you had a good reponse from Howard, some have complained that they wait a long time with no reply but it seems he is very busy,

may be away a lot. The FCD support seems confined to him and it gets done eventually.

There is no need to condemn any SDR program. No generic SDR program affects the devices it uses. If a device is installed properly
and the program configured properly then SDR# will work. No SDR program will affect another, as many as you like may be installed. I
have just about every soundcard and RTL SDR program ever written on my computer, often several instances of the main ones.

73 Alan

My original note to Alann:

Hi, Alan
In following several conversations, You seem too be the point man for software related problems on the FCD Pro+, so I thought I would share some observations with you.
First, Funcube Dongle Pro+ is nothing short of astounding. But I, too, have had problems. When I first got it, it worked great. Then somewhere along the line, it stopped working altogether. Just a wide noise band but no reception. I hate to admit it, but I sent the unit back to Howard, who pronounced it completely healthy but sent me a new one anyway! Man, that is real customer service and I can't tell you how much I appreciated it. A good man. And the new one worked on my desktop with SDR#. But simply would not work on my laptop. Sony Vaio, i3, WIN7, 4G RAM. I tried everything I could think of ; scoured the web, etc. No luck. Tried SDR#, HDSDR and SDR Console 1.x and 2.x. So I said hell with it, threw it in the drawer and moved on. Recently, another fellow I am acquainted with Jim noted similar problems. He's a software guy and couldn't solve it. (I'm much better at RF hardware, so I didn't have a clue). But we were both using SDR# and both had used RTL820 SDR modules as well. Wondering if there might be a relationship, started thinking about SDR# and its weirdness.. it requires Zadig to address the USB port. More reading. Uninstalled SDR# and tried to uninstall Zadig. It is not friendly. On Github, the developer says Zadig is easy to uninstall with Device Manager but his directions are vague I'm still not sure it actually uninstalled completely. And FCD still did not work. So, on a whim, I realized I was plugging both FCD and RTL into the same USB port. Plugged FCD into another USB port and damned if the sonofabitch didn't work just fine! FCD also worked on the 3rd USB port, both with HDSDR and SDR Console 2.3. So I am of the opinion that Zadig simply "poisons" the USB port it addresses, and you can't remove it, no matter what. Incidentally, other devices (wireless modem, mouse, keyboard) all work with the original port. Too bad, SDR# is a fine program that does cool things but I'm certainly not going to reinstall it no matter if it sits up and spits money. I also noticed that FCD does not like USB hubs.
I write because I haven't seen reference to this problem, but admit that I haven't done a careful search. If this is old news, everybody knows it, I apologize for taking your time. But the problem drove me a bit nuts for over a year and if I can save someone else the aggravation, good for it.
If you have workarounds, great ideas or just good guidance, I'd love to hear it.
73
Ed Krome K9EK
Columbus, IN USA
EM69xd

9848. Re: [FUNcube] Fwd: FCD P+ note

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-24 00:42:42 UTC
From: Jim Sanford
Topic: 9847 Message: 9848

thanks!!

On 9/22/2015 11:07 PM, Ed K9EK e.krome@... [FUNcube] wrote:
> Jim:
> re FCD problems, I wrote to Alan about my experiences. Not actually
> sure what he said other than "everybody's different". Not a lot of
> help. But I thought I would forward it to you.....
>
> Ed K9EK
>
> --
> *From: *"Alan" <g4zfq@...>
> *To: *"Ed K9EK" <e.krome@...>
> *Sent: *Tuesday, September 22, 2015 2:34:18 AM
> *Subject: *Re: FCD P+ note
>
>
> Original Message -----
> Subject: FCD P+ note
>
> Ed,
>
> Thanks for your comments.
> It is difficult to be specific, systems vary.
>
> All USB sockets are not the same especially now USB3 has come along.
> If something does not work in o ne all the others should be tried.On
> USB3 systems a multi TT hub may be needed for USB1 devices like
> the FCD dongle. You say the FCD does not like hubs, that may depend on
> the hub, what else is connected, your system, so many
> variables. Mine works in a hub.
> Some say drivers can be applied to a particular port. One has said
> their RTL dongle works as a TV stick in one port, an SDR in
> another port.
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> Zadig is just a utility that makes driver installation easy for the
> computer novice. It does not install itself.
> There are not enough warnings, if the instructions for using Zadig are
> not followed exactly then the wrong driver can be applied to
> the wrong device.
> Zadig has no "Undo" facility. If a mistake is made then the user often
> has to become a computer expert and discover what damage has
> been done and repair it. This is not "removing Zadig" just repairing
> the damage carelessness has caused. Just not enough warnings!
> A computer exp ert who is not familiar with non-commercial things like

> SDR and RTL dongles may find it difficult to understand what
> has been done.
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> Glad you had a good reponse from Howard, some have complained that
> they wait a long time with no reply but it seems he is very busy,
> may be away a lot. The FCD support seems confined to him and it gets
> done eventually.
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> There is no need to condemn any SDR program. No generic SDR program
> affects the devices it uses. If a device is installed properly
> and the program configured properly then SDR# will work. No SDR
> program will affect another, as many as you like may be installed. I
> have just about every soundcard and RTL SDR program ever written on my
> computer, often several instances of the main ones.
>
> 73 Alan
> ---------------------------------
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> My original note to Alann:
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> Hi, Alan
> In followi ng several conversations, You seem too be the point man for
> software related problems on the FCD Pro+, so I thought I would share
> some observations with you.
> First, Funcube Dongle Pro+ is nothing short of astounding. But I, too,
> have had problems. When I first got it, it worked great. Then
> somewhere along the line, it stopped working altogether. Just a wide
> noise band but no reception. I hate to admit it, but I sent the unit
> back to Howard, who pronounced it completely healthy but sent me a new
> one anyway! Man, that is real customer service and I can't tell you
> how much I appreciated it. A good man. And the new one worked on my
> desktop with SDR#. But simply would not work on my laptop. Sony Vaio,
> i3, WIN7, 4G RAM. I tried everything I could think of ; scoured the
> web, etc. No luck. Tried SDR#, HDSDR and SDR Console 1.x and 2.x. So I
> said hell with it, threw it in the drawer and moved on. Recently,
> another fellow I am acquainted with Jim noted similar problems. He's a
> software guy and couldn't solve it. (I'm much better at RF hardware,
> so I didn't have a clue). But we were both using SDR# and both had
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> relationship, started thinking about SDR# and its weirdness.. it
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> it addresses, and you can't remove it, no matter what. Incidentally,

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> and spits money. I also noticed that FCD does not like USB hubs.
> I write because I haven't seen reference to this problem, but admit
> that I haven't done a careful search. If this is old news, everybody
> knows it, I apologize for taking your time. But the problem drove me a
> bit nuts for over a year and if I can save someone else the
> aggravation, good for it.
> If you have workarounds, great ideas or just good guidance, I'd love
> to hear it.
> 73
> Ed Krome K9EK
> Columbus, IN USA
> EM69xd
>

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

9849. Re: [FUNcube] Fwd: FCD P+ note

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-24 07:14:19 UTC
From: Robin Gape (FCD)
Topic: 9847 Message: 9849

Dear Ed,

another reading of what Alan said is that "the *machines* are different,
and it's up to the user, sadly, to sort out the resulting mess". The
information that you have been given *should* be a great deal of help,
once one has left behind the myth of plug-and-play!

Good luck exploring the FCDPP,

73,

Robin, G8DQX

On 24/09/15 01:42, Jim Sanford wb4gcs@... [FUNcube] wrote:
>
> thanks!!
>
>
> On 9/22/2015 11:07 PM, Ed K9EK e.krome@... [FUNcube] wrote:
>> Jim:
>> re FCD problems, I wrote to Alan about my experiences. Not actually
>> sure what he said other than "everybody's different". Not a lot of
>> help. But I thought I would forward it to you.....
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>> *From: *"Alan" <g4zfq@...>
>> *To: *"Ed K9EK" <e.krome@...>
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>> on the hub, what else is connected, your system, so many

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>> the wrong device.
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>> 73 Alan
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>> my desktop with SDR#. But simply would not work on my laptop. Sony
>> Vaio, i3, WIN7, 4G RAM. I tried everything I could think of ; scoured
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>> So I said hell with it, threw it in the drawer and moved on.

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>> and both had used RTL820 SDR modules as well. Wondering if there
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>> weirdness.. it requires Zadig to address the USB port. More reading.
>> Uninstalled SDR♯ and tried to uninstall Zadig. It is not friendly. On
>> Github, the developer says Zadig is easy to uninstall with Device
>> Manager but his directions are vague I'm still not sure it actually
>> uninstalled completely. And FCD still did not work. So, on a whim, I
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>> Plugged FCD into another USB port and damned if the sonofabitch
>> didn't work just fine! FCD also worked on the 3rd USB port, both with
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>> keyboard) all work with the original port. Too bad, SDR♯ is a fine
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>> reinstall it no matter if it sits up and spits money. I also noticed
>> that FCD does not like USB hubs.
>> I write because I haven't seen reference to this problem, but admit
>> that I haven't done a careful search. If this is old news, everybody
>> knows it, I apologize for taking your time. But the problem drove me
>> a bit nuts for over a year and if I can save someone else the
>> aggravation, good for it.
>> If you have workarounds, great ideas or just good guidance, I'd love
>> to hear it.
>> 73
>> Ed Krome K9EK
>> Columbus, IN USA
>> EM69xd
>
>
>
> ---
> Avast logo <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
>
>
>

9850. ESA invites radio amateurs to listen for AAUSAT-5 CubeSat

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-25 13:04:42 UTC
From: M5AKA
Topic: 9850 Message: 9850

ESA invites radio amateurs to listen for AAUSAT-5 CubeSat in week of Oct 5
http://amsat-uk.org/2015/09/24/esa-listen-for-aausat-5/
Also on the AMSAT-UK site:

Pig in Space - 434 MHz SSDV balloon - Saturday Sept 26
http://amsat-uk.org/2015/09/22/pig-in-space/

Fox Telemetry Decoder Software Available
http://amsat-uk.org/2015/09/23/fox-telemetry-decoder-software/

Recent satellite deployments
http://amsat-uk.org/2015/09/20/new-xw-2-satellites-linear-transponders-active/
http://amsat-uk.org/2015/09/20/lilacsat-2-linux-telemetry-decoding/
http://amsat-uk.org/2015/09/17/serpens-cubesat-deployed-from-iss/

73 Trevor M5AKA----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9851. FUNcube-1

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-25 19:13:58 UTC
From: Graham Shirville
Topic: 9722 Message: 9851

Hi All,

Just to advise that FUNcube-1 was commanded to amateur mode, with the transponder operational continuously, at approx 1801 UTC this evening.

We expect to switch her back to autonomous operation on Sunday evening as usual.

Have a grand weekend on the birds

73

Graham
G3VZV

9852. LAPAN-A2 FM Voice and APRS launch Sep 28

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-27 12:09:38 UTC
From: M5AKA
Topic: 9852 Message: 9852

LAPAN-A2 with FM Voice transponder and APRS launches September 28
http://amsat-uk.org/2015/08/30/lapan-a2-launch/

Ofcom clarifies position on SES call signs
http://amsat-uk.org/2015/09/27/ofcom-clarifies-position-on-ses-calls/

RSGB invites all radio amateurs in the UK and Crown Dependencies to complete an online questionnaire
http://www.rsgb.org/ar-survey

Beijing launches three more amateur radio satellites
http://amsat-uk.org/2015/09/26/tianwang-1-launch/

LilacSat-2 FM voice transponder schedule and first image downloaded
http://amsat-uk.org/2015/09/25/lilacsat-2-fm-transponder-schedule/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9853. FUNcube- 1 operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-09-27 21:03:54 UTC
From: Graham Shirville
Topic: 9853 Message: 9853

Hi All,

Just to confirm that FUNcube-1 was returned to autonomous mode at approx 20:12 UTC this evening.

73

Graham
G3VZV

9854. FUNcube -1 status

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-02 20:25:29 UTC
From: Graham Shirville
Topic: 9854 Message: 9854

Hi All,

Just to report that FUNcube-1 is now in manual amateur mode for the weekend with the transponder operational continuously.

Please enjoy it and have fun

73

Graham
G3VZV

9855. AMSAT VP-Engineering on NASA TV + 3 sats deploy Monday

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-02 22:42:01 UTC
From: M5AKA
Topic: 9855 Message: 9855

AMSAT-NA VP-Engineering Jerry Buxton, N0JY will be on the panel at a NASA prelaunch briefing on Wednesday, October 7 at 1800 UT to talk about the Fox mission and science, and answer questions. The briefing will be shown live on NASA TV.
http://amsat-uk.org/2015/10/02/amsat-na-vp-engineering-on-nasa-tv-wednesday/

LQSat Launch Monday, October 5
http://amsat-uk.org/2015/10/02/lqsat-launch/

ISS CubeSats to deploy Monday, October 5
http://amsat-uk.org/2015/10/01/iss-cubesats-set-to-deploy/

Andrew M0NRD @nerdsville has been trying amateur satellite operation for the first time. Read his article "Made my first satellite QSO" at
http://nerdsville.blogspot.co.uk/2015/10/made-my-first-satellite-qso.html

In preparation for the 2016 IARU Region 1 Interim Meeting, the RSGB has re-opened its IARU Forums so that UK amateurs can suggest topics on matters such as operating or technical recommendations, band plans, contests and EMC. Separate discussion forums covering HF, VHF/Microwave and EMC matters
http://rsgb.org/main/rsgb-consultations/iaru-consultations/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9856. FUNcube-1 Operations report

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-04 20:58:44 UTC
From: Graham Shirville
Topic: 9856 Message: 9856

Hi all,

To confirm that FUNcube-1 is now back in autonomous mode for weekday operations.

Have a great “World Space Week” and be ready celebrate and enjoy the upcoming launches.

73

Graham
G3VZV

9857. AO-85 (Fox-1A) Transponder Active

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-09 17:08:16 UTC
From: M5AKA
Topic: 9857 Message: 9857

In this video 9-year-old Hope KM4IPF describes first contact via the Fox-1A FM transponder
http://amsat-uk.org/2015/10/09/fox-1a-fm-transponder-activated/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9858. Use FCDP+ to capture both AO-73 & AO-85 ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-10 09:10:25 UTC
From: Bob KD7YZ
Topic: 9858 Message: 9858

is that possible?
I tried that here but as soon as the Fox-1A telemetry program is run
then the Funcube telemetry program looks like it then defaults to the
0-1000 range as if looking for a generic soundcard.

--
73,
Bob KD7YZ
www.qrz.com/db/kd7yz
AmSat LM#901

9859. Re: [FUNcube] Use FCDP+ to capture both AO-73 & AO-85 ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-10 09:48:17 UTC
From: Max EA7FGJ
Topic: 9858 Message: 9859

of course! and it's an excellent receiver for this purpose... you can see all the spectrum beacon+ssb and CW communications... excellent!!!

Saludos cordiales. Máximo. EA7FGJ. IM67XI.

El sáb, 10/10/15, Bob KD7YZ kd7yz@... [FUNcube] <FUNcube@...> escribió:

Asunto: [FUNcube] Use FCDP+ to capture both AO-73 & AO-85 ?
Para: "funcube@yahoogroups.com" <FUNcube@yahoogroups.co.uk>
Fecha: sábado, 10 de octubre, 2015 11:10

is that possible?

I tried that here but as soon as the Fox-1A telemetry
program is run

then the Funcube telemetry program looks like it then
defaults to the

0-1000 range as if looking for a generic soundcard.

--

73,

Bob KD7YZ

www.qrz.com/db/kd7yz

AmSat LM#901

9860. Re: [FUNcube] Use FCDP+ to capture both AO-73 & AO-85 ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-10 10:11:06 UTC
From: Bob KD7YZ
Topic: 9858 Message: 9860

On 10-Oct-15 0548, Max EA7FGJ wrote:
>
>
> of course! and it's an excellent receiver for this purpose..

When I try to do this, the program "Funcube Dashboard", which uses the
FCDP+, will STOP using FCDP+ and try to find a regular soundcard.

FOX-1A Telemetry" program will continue to work; will continue to use FCDP+.

It seems that "Dashboard" can not find FCDP+ if any other program is
ALSP looking at FCDP+.

or so it is at my house.

--
73,
Bob KD7YZ
www.qrz.com/db/kd7yz
AmSat LM#901

9861. RE: [FUNcube] Use FCDP+ to capture both AO-73 & AO-85 ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-10 10:39:33 UTC
From: Colin Hurst
Topic: 9858 Message: 9861

Bob,

To the best of my knowledge the FCDP+ can only connect to one software program at a time.

Colin VK5HI.

From: FUNcube@... [mailto:FUNcube@...]
Sent: Saturday, 10 October 2015 20:41
To: FUNcube@...
Subject: Re: [FUNcube] Use FCDP+ to capture both AO-73 & AO-85 ?

On 10-Oct-15 0548, Max EA7FGJ wrote:
>
>
> of course! and it's an excellent receiver for this purpose..

When I try to do this, the program "Funcube Dashboard", which uses the
FCDP+, will STOP using FCDP+ and try to find a regular soundcard.

FOX-1A Telemetry" program will continue to work; will continue to use FCDP+.

It seems that "Dashboard" can not find FCDP+ if any other program is
ALSP looking at FCDP+.

or so it is at my house.

--
73,
Bob KD7YZ
www.qrz.com/db/kd7yz
AmSat LM#901

9862. Re: [FUNcube] Use FCDP+ to capture both AO-73 & AO-85 ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-10 10:54:32 UTC
From: Bob KD7YZ
Topic: 9858 Message: 9862

On 10-Oct-15 0639, 'Colin Hurst' cjhurst@... [FUNcube] wrote:
> To the best of my knowledge the FCDP+ can only connect to one software
> program at a time.
>

g'day Colin, thanks. Too bad, as I like to collect on AO-73 also .
Maybe the "Dashboard" implementers could see if a slight change was
possible ?

maybe

--
73,
Bob KD7YZ
www.qrz.com/db/kd7yz
AmSat LM#901

9863. Re: [FUNcube] Use FCDP+ to capture both AO-73 & AO-85 ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-10 10:59:59 UTC
From: Bob KD7YZ
Topic: 9858 Message: 9863

ok, my brain just reminded me I need more coffee ...

because ...
"IF" two (or more) programs wanted to RX two different satellites on two frequencies, then the respective FCDP+ would have to be able to simultaneously monitor two frequencies.

yeahhhhh, about that .....\

9864. Re: Use FCDP+ to capture both AO-73 & AO-85 ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-11 09:26:55 UTC
From: Mark L. Hammond
Topic: 9858 Message: 9864

I have not had time to test but--- native support is no.

In non native mode, I do think you could use sdr# out to virtual audio connection. Then have both programs point to that as input. Maybe bandwidth of FCD won't be wide enough to cover both frequencies. Airspy would.

Mark L. Hammond [N8MH]

9865. Re: [FUNcube] Re: Use FCDP+ to capture both AO-73 & AO-85 ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-11 11:10:52 UTC
From: Bob KD7YZ
Topic: 9858 Message: 9865
Attachments: 1 described; binary payloads are missing from this source WARC

On 11-Oct-15 0526, 'Mark L. Hammond' marklhammond@... [FUNcube] wrote:

>
> In non native mode, I do think you could use sdr# out to virtual
> audio connection. Then have both programs point to that as input.
> Maybe bandwidth of FCD won't be wide enough to cover both
> frequencies. Airspy would.

thanks Mark. I'll give it a try after this next pass,

I see I only gained about 45 captures overnight. I'd left it running and SatPC32 to auto-track.

Speaking of which, see the screenshot. I have the bottom boxes selected to read QRG etc from SatPC32 and according to that panel on Fox-tool, it isn't reading it.

--
73,
Bob KD7YZ
www.qrz.com/db/kd7yz
AmSat LM#901

9866. Funcube TM transmitter ON/OFF

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-16 04:19:40 UTC
From: shakeelj2k@...
Topic: 9866 Message: 9866

I come to know that funcube TM transmitter is ON during DAY and during NIGHT Transponder in ON during night. I received the satellite BEACON and funcube dashboard was set to capture from sound card dash was showing detected frequency but no telemtry data has been received. the pass was taken at with follwoing date and time

FUNcube-1 http://www.heavens-above.com/satinfo.aspx?satid=39444&lat=31.4788&lng=74.2653&loc=Unspecified&alt=0&tz=UCTm5 pass date 15 Oct pass time: 13:53:39 GMT time yesterday

please suggest what will be the problem either my dash board software is cause this error and or the TM transmitter in funcube-1 satellite is off. previously i have taken many successfull passes of funcube satellite.

regards

9867. Re:: Funcube TM transmitter ON/OFF

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-16 04:27:43 UTC
From: shakeelj2k@...
Topic: 9866 Message: 9867

sorry the time of satellite pass details should be read as

pass date 15 Oct pass time: 03:53:39 GMT time yesterday

not 13:53:39

9868. AMSAT Symposium Vieos Online + Rapsberry Pi

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-18 10:30:41 UTC
From: M5AKA
Topic: 9868 Message: 9868

AMSAT Symposium Videos Now Online
http://amsat-uk.org/2015/10/18/amsat-symposium-videos-now-online/

New ham radio promotional video features amateur satellites and ISS
http://amsat-uk.org/2015/10/15/new-ham-radio-promotional-video/

IARU Agree New Satellite Guidelines
http://amsat-uk.org/2015/10/12/iaru-agree-new-satellite-guidelines/

Surrey Space Centre's latest work on the Raspberry Pi Foundation's compute module as the grunt behind their rendezvous & docking technology research. More academic info in their papers:

https://www.academia.edu/16685779/Using_CubeSat_micro-satellite_technology_to_demonstrate_the_Autonomous_Assembly_of_a_Reconfigurable_Space_Telescope_AAReST_
Short link goo.gl/Fjkg4C

https://www.academia.edu/3073489/STRaND-2_Visual_Inspection_Proximity_Operations_and_Nanosatellite_Docking
Short link goo.gl/2bSdbO

Compute Module CubeSats - post about work of Chris Bridges 2E0OBC and the Surrey Space Centre
https://www.raspberrypi.org/blog/compute-module-cubesats/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9869. Sats at IARU-R3 + Astro Pi Launch + DeLorean

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-22 15:26:04 UTC
From: M5AKA
Topic: 9869 Message: 9869

IARU Region 3 Conference report and CRSA/CRAC Amateur Satellite Guide paper
http://amsat-uk.org/2015/10/21/iaru-region-3-conference/

New version of Fox-1A Telemetry Decoder
http://amsat-uk.org/2015/10/21/new-version-of-fox-1a-telemetry-decoder/

Astro Pi launch changed
http://amsat-uk.org/2015/10/20/astro-pi-launch-changed/

Amateur radio high altitude balloon enthusiast N6ARA helped restore BTTF DeLorean time machine
http://amsat-uk.org/2015/10/22/amateur-radio-balloon-enthusiast-restored-bttf-delorean/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9870. funcube problem - help please!

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-25 18:11:38 UTC
From: denis@...
Topic: 9870 Message: 9870

I have a problem with a barely used funcube dongle pro, v1.1

I have had this for a while but not really used it with any effort, I plugged it in to see the waveform on a satellite pass and then it got put away after not picking anything up. Last week I came to use it properly with the scouts, it was an awful advert for it as it failed miserably disappointing me and others. It is incredibly insensitive to signals, so much so that it fails to receive WFM broadcast signals.

I have successfully received ham radio bands but only when the TX is nearby, nothing at distance.

I'm thinking I have a lemon, but following promises of support I thought I would ask some FCD fans for their thoughts. I would email the paypal address if I could find it.... doh. I have tried a number of antennas including a desktop commercial solution, a wide band stub, a tuned beam for the RX band and a rubber duck. All rubbish results. I have successfully updated the firmware and adjusted the filters and gain etc all with similar rubbish results. Removing the antenna or touching the metalwork gives the expected effect of an adjustment to the signal and sound demodulate. I assumed my laptop may have not been ideal, so last week I borrowed a laptop from my old man, fresh installed windows and got similar poor results despite investing hours trying different software packages, and every setting possible.

Disappointing to say but I had some good success with my £7 RTL-SDR, this should have been better but I'm yet to receive anything other than something I have TXed myself so it has been a total waste of money, effort and time. The possibility of decoding a satellite with it seems a million miles away at the moment.

Any advice is much appreciated, help me get some life from this dongle!

9871. AW: [FUNcube] funcube problem - help please!

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-25 21:29:13 UTC
From: siegfried jackstien
Topic: 9870 Message: 9871

First of all ... do not expect the fcd to work on wfm signals (local radio stations in wideband stereo) ... the fcd is not build to do that (too narrow bandwidth)

You sure made something womg in the front end settings

What soft did you try??

I prefer hdsdr

Easy to use and does not use so much cpu power as sdrsharp does (I still use it on my crappy old single core laptop) ...

It is not that difficult but if you make something wrong in setup you can be way off frequency (and think dongle is defective but you just tuned to wrong frequency)

The fcd is sure better as the rtl stick (if tuned correct!!)

Greetz

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Sonntag, 25. Oktober 2015 18:12
> An: FUNcube@...
> Betreff: [FUNcube] funcube problem - help please!
>
>
>
> I have a problem with a barely used funcube dongle pro, v1.1
>
>
>
>
> I have had this for a while but not really used it with any effort, I
> plugged it in to see the waveform on a satellite pass and then it got put
> away after not picking anything up. Last week I came to use it properly
> with the scouts, it was an awful advert for it as it failed miserably
> disappointing me and others. It is incredibly insensitive to signals, so
> much so that it fails to receive WFM broadcast signals.
>
>
>
>
> I have successfully received ham radio bands but only when the TX is

> nearby, nothing at distance.
>
>
>
>
> I'm thinking I have a lemon, but following promises of support I thought I
> would ask some FCD fans for their thoughts. I would email the paypal
> address if I could find it.... doh. I have tried a number of antennas
> including a desktop commercial solution, a wide band stub, a tuned beam
> for the RX band and a rubber duck. All rubbish results. I have
> successfully updated the firmware and adjusted the filters and gain etc
> all with similar rubbish results. Removing the antenna or touching the
> metalwork gives the expected effect of an adjustment to the signal and
> sound demodulate. I assumed my laptop may have not been ideal, so last
> week I borrowed a laptop from my old man, fresh installed windows and got
> similar poor results despite investing hours trying different software
> packages, and every setting possible.
>
>
>
>
> Disappointing to say but I had some good success with my £7 RTL-SDR, this
> should have been better but I'm yet to receive anything other than
> something I have TXed myself so it has been a total waste of money, effort
> and time. The possibility of decoding a satellite with it seems a million
> miles away at the moment.
>
>
>
>
> Any advice is much appreciated, help me get some life from this dongle!
>
>

9872. Re: [FUNcube] funcube problem - help please!

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-25 21:59:26 UTC
From: Alan Melia
Topic: 9870 Message: 9872

To add to Sigi's comments the FCD is easily swamped by strong signals anywhere in its range so some filtering may be required. The bandwidth is only 90kHz on this version. Wide FM BC requires 180kHz. Try not to use it plugged directly into a PC, use an extender lead, even put a couple of turns of this through a clip on ferrite. Laptops in particular have no safety ground so the whole thing is floating and picks up all the local noise. Often the laptop charger is the biggest source of this. Please read the "wiki" URL referenced at the bottom of the messages for information, hints and tips on trouble shooting.

Alan
G3NYK

----- Original Message -----
From: "'siegfried jackstien' siegfried.jackstien@... [FUNcube]"
<FUNcube@...>
To: <FUNcube@...>
Sent: Sunday, October 25, 2015 9:29 PM
Subject: AW: [FUNcube] funcube problem - help please!

First of all ... do not expect the fcd to work on wfm signals (local radio stations in wideband stereo) ... the fcd is not build to do that (too narrow bandwidth)

You sure made something wromg in the front end settings

What soft did you try??

I prefer hdsdr

Easy to use and does not use so much cpu power as sdrsharp does (I still use it on my crappy old single core laptop) ...

It is not that difficult but if you make something wrong in setup you can be way off frequency (and think dongle is defective but you just tuned to wrong frequency)

The fcd is sure better as the rtl stick (if tuned correct!!)

Greetz

Sigi

> -----Urspr?ngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Sonntag, 25. Oktober 2015 18:12
> An: FUNcube@...
> Betreff: [FUNcube] funcube problem - help please!

>
>
>
> I have a problem with a barely used funcube dongle pro, v1.1
>
>
>
>
> I have had this for a while but not really used it with any effort, I
> plugged it in to see the waveform on a satellite pass and then it got put
> away after not picking anything up. Last week I came to use it properly
> with the scouts, it was an awful advert for it as it failed miserably
> disappointing me and others. It is incredibly insensitive to signals, so
> much so that it fails to receive WFM broadcast signals.
>
>
>
>
> I have successfully received ham radio bands but only when the TX is
> nearby, nothing at distance.
>
>
>
>
> I'm thinking I have a lemon, but following promises of support I thought I
> would ask some FCD fans for their thoughts. I would email the paypal
> address if I could find it.... doh. I have tried a number of antennas
> including a desktop commercial solution, a wide band stub, a tuned beam
> for the RX band and a rubber duck. All rubbish results. I have
> successfully updated the firmware and adjusted the filters and gain etc
> all with similar rubbish results. Removing the antenna or touching the
> metalwork gives the expected effect of an adjustment to the signal and
> sound demodulate. I assumed my laptop may have not been ideal, so last
> week I borrowed a laptop from my old man, fresh installed windows and got
> similar poor results despite investing hours trying different software
> packages, and every setting possible.
>
>
>
>
> Disappointing to say but I had some good success with my ?7 RTL-SDR, this
> should have been better but I'm yet to receive anything other than
> something I have TXed myself so it has been a total waste of money, effort
> and time. The possibility of decoding a satellite with it seems a million
> miles away at the moment.
>
>
>
>
> Any advice is much appreciated, help me get some life from this dongle!

>
>

Posted by: "siegfried jackstien" <siegfried.jackstien@...>

All up-to-date FCD information at http://funcubedongle.pbworks.com

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Yahoo Groups Links

9873. UKSA announces UKube-1 (FUNcube-2) has completed mission

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-27 16:21:15 UTC
From: M5AKA
Topic: 9873 Message: 9873

UKube-1 (FUNcube-2) CubeSat Completes Mission
http://amsat-uk.org/2015/10/27/ukube-1-completes-mission/

Radiocommunication Assembly opens in Geneva
http://amsat-uk.org/2015/10/26/radiocommunication-assembly-in-geneva/

University of Southampton CubeSat Program
http://amsat-uk.org/2015/10/24/university-of-southampton-cubesat-program/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9874. 6m for Sats ? + ISS + SSETI Express

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-10-30 21:08:03 UTC
From: M5AKA
Topic: 9874 Message: 9874

Proposed 50-54 MHz Agenda Item for WRC-19
http://amsat-uk.org/2015/10/30/50-54-mhz-agenda-item-wrc-19/

Fort Worth students talk to ISS
http://amsat-uk.org/2015/10/30/fort-worth-students-talk-to-iss/

Tim Peake KG5BVI and the ISS Astro Pi’s
http://amsat-uk.org/2015/10/30/tim-peake-kg5bvi-iss-astro-pis/

The Hunt for SSETI Express
In October five intrepid radio amateurs ventured into the Arctic in an attempt to detect 400-800 THz radiation from the satellite SSETI Express (XO-53).

Tenth Anniversary of SSETI Express (XO-53) Launch
http://amsat-uk.org/2015/10/27/tenth-anniversary-of-xo-53-launch/

The full SSETI Express Phase E 400-800 THz Downlink Report
http://amsat-uk.org/2015/10/29/the-hunt-for-xo53/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9875. Re:: 6m for Sats ? + ISS + SSETI Express

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-01 13:05:58 UTC
From: wageners@...
Topic: 9874 Message: 9875

Not sure why we would consider that:

."A 50 MHz Amateur Satellite allocation would offer:
• low Doppler shift
• good link budget requirements
• relieve pressure on the only existing VHF amateur satellite allocation on 145 MHz."

This would mean big/long antennas to move and on the satellite, yagi antenna elements alone are 8 to10 feet in length, doppler control is not an issue with a "stable" transponder on the satellite, link budget has not been a problem so far with 2m/70cm even with 1U cubesats... We should use the frequency we with even as secondary allocation. That is much more important.

My 2 cents,
Stefan, VE4NSA

9876. AW: [FUNcube] Re:: 6m for Sats ? + ISS + SSETI Express

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-01 13:21:50 UTC
From: siegfried jackstien
Topic: 9874 Message: 9876

With that low pass loss on 50 megs you only need a low gain antenna (few elements) ... that also has a wider beam and so no problem to steer towards the sat

I am guessing that a 3 el antenna with fixed elevation around 30 degrees should work with just a normal rotor (or even turned by hand every few minutes cause the antenna has such a wide angle)

Dg9bfc

Sigi

(ps maybe even just a dipole and no turning at all could work?!?)

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
> Gesendet: Sonntag, 1. November 2015 13:06
> An: FUNcube@yahoogroups.co.uk
> Betreff: [FUNcube] Re:: 6m for Sats ? + ISS + SSETI Express
>
>
>
> Not sure why we would consider that:
>
>
>
> ....."A 50 MHz Amateur Satellite allocation would offer:
> ☐ low Doppler shift
> ☐ good link budget requirements
> ☐ relieve pressure on the only existing VHF amateur satellite allocation
> on 145 MHz."....."
>
>
>
>
> This would mean big/long antennas to move and on the satellite, yagi
> antenna elements alone are 8 to10 feet in length, doppler control is not
> an issue with a "stable" transponder on the satellite, link budget has not
> been a problem so far with 2m/70cm even with 1U cubesats... We should use
> the frequency we with even as secondary allocation. That is much more
> important.
>
>
>
>

> My 2 cents,
>
> Stefan, VE4NSA
>
>
>

9877. Re:: 6m for Sats ? + ISS + SSETI Express

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-01 18:31:15 UTC
From: wageners@...
Topic: 9874 Message: 9877

Maybe,

However, it is still a big antenna. Too big for a current cross boom with 2m and 70 cm antennas already in place. The whole fixed elevation thing only works if you just want to have a limited number of QSOs. For those that want to work the sat from AOS to LOS it is still highly unsatisfactory. Again let's focus on the higher frequencies where we have allocations and we don't use. Glad to see more upcoming activities on 1.2 and 2.4 GHz.

Stefan

9878. ISS Link-Up with ITU WRC-15 + London School ARISS Contact Nov 4

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-03 19:41:53 UTC
From: M5AKA
Topic: 9878 Message: 9878

ISS Astronauts Link-Up with ITU WRC-15 in Geneva
http://amsat-uk.org/2015/11/03/iss-astronauts-link-up-itu-wrc-15/

Radio amateurs to help London children talk to ISS Wed Nov 4. Listen on Web and Echolink
http://amsat-uk.org/2015/10/31/radio-amateurs-help-london-children-talk-to-iss/

Young people build antennas at Goonhilly
http://amsat-uk.org/2015/10/28/young-people-build-antennas-at-goonhilly/

Ofcom issue new UK amateur radio licence guidelines
http://www.essexham.co.uk/news/ofcom-updated-amateur-licence-guidance.html

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9879. funcube dongle for sale

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-10 20:57:01 UTC
From: Leonid Koval
Topic: 9879 Message: 9879

Please excuse the intrusion for those who are not interested, I have a
FUNcube Dongle for sale.

It is in good condition, used only a few times, and I have the
original plastic box for it.

Any suggestions about the price send me to e-mail -- I think we will decide =)

If anyone is interested please let me know.

Thanks very much
Leon UT7CL

9880. FUNCUBE PRO PLUS NOT WORKING.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-11 11:05:33 UTC
From: g4yjsbarrie@...
Topic: 9880 Message: 9880

G4YJS bARRIE..
DEAR GROUP.
I tried installing hdsdr but since trying I keep getting error message ''no compatible device found''no matter which software I try it on.
While trying to instal hdsdr it found fcd ok....but when trying to re set to bootloader error message appeared no fcd found...I THINK I ERASED SOMETHING BY MISTAKE???BARRIE
thanks.

9881. Re: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-11 12:42:46 UTC
From: Alan
Topic: 9880 Message: 9881

Original Message -----
Subject: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.

> > I tried installing hdsdr but since trying I keep getting error message ''no compatible device found''no matter which software I
> > try it on.

This could be a USB problem, what compouter? USB3?

https://sites.google.com/site/g4zfqradio/using_the_fcd#Problems

> While trying to instal hdsdr it found fcd ok....but when trying to re set to bootloader error message appeared no fcd found...I
> THINK I ERASED SOMETHING BY MISTAKE

You should not do this. But it should recover just by unplugging.

73 Alan G4ZFQ

9882. Re: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-11 13:07:50 UTC
From: Ed Krome
Topic: 9880 Message: 9882

FWIW: try a different USB port. Tried 22 ports on 4 different computers with XP, 7 and 10; only 6 work consistently. Some occasionally. No idea why. But well worth the effort.

Ed Krome K9EK

Sent from my iPhone

> On Nov 11, 2015, at 7:42 AM, 'Alan' g4zfq@... [FUNcube] <FUNcube@yahoogroups.co.uk> wrote:
>
> Original Message -----
> Subject: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.
>
> > > I tried installing hdsdr but since trying I keep getting error message ''no compatible device found''no matter which software I
> > > try it on.
>
> This could be a USB problem, what compouter? USB3?
>
> https://sites.google.com/site/g4zfqradio/using_the_fcd#Problems
>
> > While trying to instal hdsdr it found fcd ok....but when trying to re set to bootloader error message appeared no fcd found...I
> > THINK I ERASED SOMETHING BY MISTAKE
>
> You should not do this. But it should recover just by unplugging.
>
> 73 Alan G4ZFQ
>
>

9883. AW: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-11 17:16:00 UTC
From: siegfried jackstien
Topic: 9880 Message: 9883

Did you copy the extio for fcdpp in the hdsdr folder?!?

Only then it will work

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@yahoogroups.co.uk [mailto:FUNcube@...]
> Gesendet: Mittwoch, 11. November 2015 11:06
> An: FUNcube@...
> Betreff: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.
>
>
>
> G4YJS bARRIE..
>
> DEAR GROUP.
>
> I tried installing hdsdr but since trying I keep getting error message
> ''no compatible device found''no matter which software I try it on.
>
> While trying to instal hdsdr it found fcd ok....but when trying to re set
> to bootloader error message appeared no fcd found...I THINK I ERASED
> SOMETHING BY MISTAKE???BARRIE thanks.
>
>

9884. Re: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-11 23:19:46 UTC
From: Jim Sanford
Topic: 9880 Message: 9884

WOW.
Something's not right!
Jim

On 11/11/2015 8:07 AM, Ed Krome e.krome@... [FUNcube] wrote:
> FWIW: try a different USB port. Tried 22 ports on 4 different
> computers with XP, 7 and 10; only 6 work consistently. Some
> occasionally. No idea why. But well worth the effort.
>
> Ed Krome K9EK
>
> Sent from my iPhone
>
> On Nov 11, 2015, at 7:42 AM, 'Alan' g4zfq@...
> <mailto:g4zfq@...> [FUNcube] <FUNcube@...
> <mailto:FUNcube@...>> wrote:
>
>> Original Message -----
>> Subject: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.
>>
>> > > I tried installing hdsdr but since trying I keep getting error
>> message ''no compatible device found''no matter which software I
>> > > try it on.
>>
>> This could be a USB problem, what compouter? USB3?
>>
>> https://sites.google.com/site/g4zfqradio/using_the_fcd#Problems
>>
>> > While trying to instal hdsdr it found fcd ok....but when trying to
>> re set to bootloader error message appeared no fcd found...I
>> > THINK I ERASED SOMETHING BY MISTAKE
>>
>> You should not do this. But it should recover just by unplugging.
>>
>> 73 Alan G4ZFQ
>>
>

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

9885. Re: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-12 08:39:20 UTC
From: Alan
Topic: 9880 Message: 9885

Original Message -----
Subject: Re: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.

> WOW.
> Something's not right!

Jim,

No, but it does make the point that not all USB sockets are the same!

These problems have been reported mainly on new computers with USB3 which often seem to give poor support for USB1, therefore the
FCD which is in effect two USB1 devices.

73 Alan G4ZFQ

>>>try a different USB port. Tried 22 ports on 4 different
> computers with

9886. Re: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-12 13:19:09 UTC
From: Ed Krome
Topic: 9880 Message: 9886

Additional info: I do know that several of the USB ports that never work with FCD had Zadig run on them for installing earlier version of SDRSHARP for an RTLSDR module. And haven't worked with FCD since. Attempts to uninstall Zadig have been unsuccessful. Way over my head. Btw those ports work fine with other apps.
Who says computers don't have minds of their own.

Ed Krome k9ek
Sent from my iPhone

> On Nov 12, 2015, at 3:39 AM, 'Alan' g4zfq@onwight.net [FUNcube] <FUNcube@...> wrote:
>
> Original Message -----
> Subject: Re: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.
>
> > WOW.
> > Something's not right!
>
> Jim,
>
> No, but it does make the point that not all USB sockets are the same!
>
> These problems have been reported mainly on new computers with USB3 which often seem to give poor support for USB1, therefore the
> FCD which is in effect two USB1 devices.
>
> 73 Alan G4ZFQ
>
> >>>try a different USB port. Tried 22 ports on 4 different
> > computers with
>
>

9887. Re: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-12 13:39:54 UTC
From: Jirka Mww
Topic: 9880 Message: 9887

I have made the same experience. It tooks me quite a long time to remove
everything, what Zadig leaves in PC to bring back
FCD working.

2015-11-12 14:19 GMT+01:00 Ed Krome e.krome@... [FUNcube] <
FUNcube@yahoogroups.co.uk>:

>
>
> Additional info: I do know that several of the USB ports that never work
> with FCD had Zadig run on them for installing earlier version of SDRSHARP
> for an RTLSDR module. And haven't worked with FCD since. Attempts to
> uninstall Zadig have been unsuccessful. Way over my head. Btw those ports
> work fine with other apps.
> Who says computers don't have minds of their own.
>
> Ed Krome k9ek
> Sent from my iPhone
>
> On Nov 12, 2015, at 3:39 AM, 'Alan' g4zfq@... [FUNcube] <
> FUNcube@yahoogroups.co.uk> wrote:
>
>
>
> Original Message -----
> Subject: Re: [FUNcube] FUNCUBE PRO PLUS NOT WORKING.
>
> > WOW.
> > Something's not right!
>
> Jim,
>
> No, but it does make the point that not all USB sockets are the same!
>
> These problems have been reported mainly on new computers with USB3 which
> often seem to give poor support for USB1, therefore the
> FCD which is in effect two USB1 devices.
>
> 73 Alan G4ZFQ
>
> >>>try a different USB port. Tried 22 ports on 4 different
> > computers with
>
>
>

>
>

--
Zdravi
Jirka OK1MWW

9888. EO-79 (FUNcube-3) Update + ISS HamTV at Goonhilly

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-13 14:39:43 UTC
From: M5AKA
Topic: 9888 Message: 9888

EO-79 (FUNcube-3) CubeSat Update
http://amsat-uk.org/2015/11/09/eo-79-cubesat-update/

HamTV on the ISS – Goonhilly update
http://amsat-uk.org/2015/11/12/hamtv-on-the-iss-update/

JE9PEL QB50 CubeSat Spreadsheet
http://amsat-uk.org/2015/11/08/je9pel-qb50-cubesat-spreadsheet/

Geosynchronous Ham Radio Satellite Video
http://amsat-uk.org/2015/11/08/geosynchronous-ham-radio-satellite-video/

AAUSAT5 communicates with students on Earth
http://amsat-uk.org/2015/11/04/aausat5-communicates-with-students-on-earth/

ISS Astronauts Link-Up with ITU WRC-15 in Geneva
http://amsat-uk.org/2015/11/03/iss-astronauts-link-up-itu-wrc-15/

Latest news on WRC-15 at
http://rsgb.org/main/blog/category/news/special-focus/wrc-15/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9889. DeorbitSail Update - Initial Camera Image + IO-86 + Radio Waves

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-13 18:03:29 UTC
From: M5AKA
Topic: 9889 Message: 9889

DeorbitSail Update and Initial Camera Image
http://amsat-uk.org/2015/11/13/deorbitsail-update-and-initial-camera-image/

Activation of IO-86 / LAPAN-ORARI FM Transponder (30 deg N to 30 deg S)
http://amsat-uk.org/2015/11/13/activation-of-io-86-lapan-orari-fm-transponder/

ARISS contact features in Fall 2015 issue of free magazine Radio Waves. PDF at
http://www.arrl.org/radio-waves

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9890. FUNcube Science Project

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-14 17:20:03 UTC
From: David Haworth
Topic: 9890 Message: 9890

Hi,

A high school student would like to do a FUNcube science project.

We are looking for recommendations for a science project that uses the FUNcube.

73,
Clear and dark skies without RFI,
David Haworth, WA9ONY
http://www.stargazing.net/david <http://www.stargazing.net/david>
davidahaworth@icloud.com

9891. Re: [FUNcube] FUNcube Science Project

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-15 00:07:28 UTC
From: Mark J Culross
Topic: 9890 Message: 9891

Some quick ideas:
1) use the FUNcube dongle to receive the FUNcube satellite telemetry & correlate some of the reported information to observations (in/out of sunshine vs. temp, in/out of sunshine vs. battery voltage, in/out of sunshine vs predicted location based upon TLE predictions, etc.)
2) use the FUNcube dongle as a spectrum analyzer & visually compare the radio signal from a variety of transmitters (car remote, baby monitor, garage door opener, FRS radio, etc.)
3) use the FUNcube dongle to receive a signal, where either the transmitter or the receiver (FCD) uses a variety of directional antennas & gather measurements on the received signal strength vs. off-center pointing of the directional antennas (measure & plot patterns)
Best of luck to the student on the project !!
Mark J CulrossKD5RXT

From: "David Haworth davidahaworth@... [FUNcube]" <FUNcube@...>
To: FUNcube <funcube@....uk>
Cc: Holly Bensel <hbensel@...>; Haley Rice <haleylrice@...m>
Sent: Saturday, November 14, 2015 11:20 AM
Subject: [FUNcube] FUNcube Science Project

  Hi,
A high school student would like to do a FUNcube science project.
We are looking for recommendations for a science project that uses the FUNcube.

73,Clear and dark skies without RFI,
David Haworth, WA9ONYhttp://www.stargazing.net/daviddavidahaworth@...

9892. Re: [FUNcube] FUNcube Science Project

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-15 07:54:10 UTC
From: dave@...
Topic: 9890 Message: 9892

Hi

Make use of data in the FUNcube Data Warehouse. E.g.:

http://www.arrl.org/files/file/ETP/FunCube/FUNCube%20Guide-1_0.pdf

73

Dave

Sent from my iPhone

> On 15 Nov 2015, at 00:07, Mark J Culross mjculross@... [FUNcube] <FUNcube@...> wrote:
>
> Some quick ideas:
>
> 1) use the FUNcube dongle to receive the FUNcube satellite telemetry & correlate some of the reported information to observations (in/out of sunshine vs. temp, in/out of sunshine vs. battery voltage, in/out of sunshine vs predicted location based upon TLE predictions, etc.)
>
> 2) use the FUNcube dongle as a spectrum analyzer & visually compare the radio signal from a variety of transmitters (car remote, baby monitor, garage door opener, FRS radio, etc.)
>
> 3) use the FUNcube dongle to receive a signal, where either the transmitter or the receiver (FCD) uses a variety of directional antennas & gather measurements on the received signal strength vs. off-center pointing of the directional antennas (measure & plot patterns)
>
> Best of luck to the student on the project !!
>
> Mark J Culross
> KD5RXT
>
>
> From: "David Haworth davidahaworth@... [FUNcube]" <FUNcube@yahoogroups.co.uk>
> To: FUNcube <funcube@...>
> Cc: Holly Bensel <hbensel@...>; Haley Rice <haleylrice@...>
> Sent: Saturday, November 14, 2015 11:20 AM
> Subject: [FUNcube] FUNcube Science Project
>
>
> Hi,
>
> A high school student would like to do a FUNcube science project.
>

> We are looking for recommendations for a science project that uses the FUNcube.
>
>
> 73,
> Clear and dark skies without RFI,
> David Haworth, WA9ONY
> http://www.stargazing.net/david
> davidahaworth@...
>
>
>
>
>
>

9893. Re: [FUNcube] FUNcube Science Project

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-15 10:37:09 UTC
From: Graham Shirville
Topic: 9890 Message: 9893

Yes – there are quite a lot resources catalogued at this page.
http://funcube.org.uk/education-outreach/

73

Graham
G3VZV

From: mailto:FUNcube@...
Sent: Sunday, November 15, 2015 7:54 AM
To: FUNcube@yahoogroups.co.uk
Cc: Holly Bensel ; Haley Rice
Subject: Re: [FUNcube] FUNcube Science Project

Hi

Make use of data in the FUNcube Data Warehouse. E.g.:

http://www.arrl.org/files/file/ETP/FunCube/FUNCube%20Guide-1_0.pdf

73

Dave

Sent from my iPhone

On 15 Nov 2015, at 00:07, Mark J Culross mjculross@... [FUNcube] <FUNcube@...> wrote:

Some quick ideas:

1) use the FUNcube dongle to receive the FUNcube satellite telemetry & correlate some of the reported information to observations (in/out of sunshine vs. temp, in/out of sunshine vs. battery voltage, in/out of sunshine vs predicted location based upon TLE predictions, etc.)

2) use the FUNcube dongle as a spectrum analyzer & visually compare the radio signal from a variety of transmitters (car remote, baby monitor, garage door opener, FRS radio, etc.)
3) use the FUNcube dongle to receive a signal, where either the transmitter or the receiver (FCD) uses a variety of directional antennas & gather measurements on the received signal strength vs. off-center pointing of the directional antennas (measure & plot patterns)

Best of luck to the student on the project !!

Mark J Culross
KD5RXT

From: "David Haworth davidahaworth@... [FUNcube]" <FUNcube@...>
To: FUNcube <funcube@...>

Cc: Holly Bensel <hbensel@...>; Haley Rice <haleylrice@...>
Sent: Saturday, November 14, 2015 11:20 AM
Subject: [FUNcube] FUNcube Science Project

Hi,

A high school student would like to do a FUNcube science project.

We are looking for recommendations for a science project that uses the FUNcube.

73,
Clear and dark skies without RFI,
David Haworth, WA9ONY
http://www.stargazing.net/david
davidahaworth@...

9894. 2nd Birthday of FUNcube-1 + SPROUT SSTV

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-20 23:28:40 UTC
From: M5AKA
Topic: 9894 Message: 9894

Second Birthday of FUNcube-1
http://amsat-uk.org/2015/11/20/second-birthday-of-funcube-1/

SPROUT SSTV and Digitalker active every Sunday
http://amsat-uk.org/2015/11/19/sprout-sstv-active-sundays/

Updated SSETI Express Observation Report
http://amsat-uk.org/2015/11/19/updated-sseti-express-observation-report/

Nayif-1 at YouthConnect
http://amsat-uk.org/2015/11/14/nayif-1-at-youthconnect/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9895. FUNcube-1 Operations report

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-11-22 21:00:26 UTC
From: Graham Shirville
Topic: 9856 Message: 9895

Hi All,

FUNcube-1 is now back in autonomous mode for the week. High power tlm when in sunlight and transponder with low power tlm when in eclipse.

73

Graham
G3VZV

9898. email to G6LVB This is a permanent error.

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-01 05:58:21 UTC
From: sm4ive@...
Topic: 9898 Message: 9898

Hi anyone having a working epost to G6LVB?
I ordred a FCD+ and wanted to change delevry adress but all my email bounces with this message:

A message that you sent could not be delivered to one or more of its
recipients. This is a permanent error. The following address(es) failed
And this is sent to his only email i could find.

Any hints how to get in contact with this person?

73 Lars SM4IVE

9899. What type of USB is my FCDP+ ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-01 15:12:34 UTC
From: Bob KD7YZ
Topic: 9899 Message: 9899

I want to extend the distance the FCDP+ is from the computer that runs me EME programming.

I found a USB-2.0 'Active' USB extension cable which they say provides up to 430ma current at the far end. It's "A" to "A" Female.

Will this work?

--
73,
Bob KD7YZ
www.qrz.com/db/kd7yz
AmSat LM#901

9900. Re:: What type of USB is my FCDP+ ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-01 16:33:54 UTC
From: wageners@...
Topic: 9899 Message: 9900

You will need an A male to A female USB extension cable if you want to use one.

9901. Re: [FUNcube] What type of USB is my FCDP+ ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-01 16:28:06 UTC
From: Alan
Topic: 9899 Message: 9901

Original Message -----
Subject: [FUNcube] What type of USB is my FCDP+ ?

>I want to extend the distance the FCDP+ is from the computer that runs
> me EME programming.
> I found a USB-2.0 'Active' USB extension cable which they say provides
> up to 430ma current at the far end. It's "A" to "A" Female.
> Will this work?
>

Bob,

Probably.

The FCD is USB1 so it needs to be compatible.
But I guess the only way to be sure with USB devices is to try it.

73 Alan G4ZFQ

9902. Re: [FUNcube] Re:: What type of USB is my FCDP+ ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-01 17:15:22 UTC
From: Bob KD7YZ
Topic: 9899 Message: 9902

On 01-Dec-15 1133, wageners@... [FUNcube] wrote:
>
>
> You will need an A male to A female USB extension cable if you want to
> use one.

this page has description:

http://www.usbgear.com/computer_cable_details.cfm?sku=USBG-230X&cats=120&catid=508,102,120,137

the Clif-Notes:

Long USB 2.0 Extension (200 FEET)transfers 430ma of power to the USB device with Provided AC Adapter

200 foot usb cable extension A to A Female

Long USB Extension Cable Now Supports Windows 7 and Vista 64 Bit

--
73,
Bob KD7YZ
www.qrz.com/db/kd7yz
AmSat LM#901

9903. Re: [FUNcube] What type of USB is my FCDP+ ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-01 17:07:41 UTC
From: Alan
Topic: 9899 Message: 9903

----- Original Message -----
Subject: Re: [FUNcube] What type of USB is my FCDP+ ?

> But I guess the only way to be sure with USB devices is to try it.

I should have included this link,
https://sites.google.com/site/g4zfqradio/using_the_fcd#Problems an extension cable was the only
way to use a FCD in one circumstance.

73 Alan G4ZFQ

9904. Re: [FUNcube] What type of USB is my FCDP+ ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-01 17:30:57 UTC
From: Bob KD7YZ
Topic: 9899 Message: 9904

On 01-Dec-15 1207, 'Alan' g4zfq@... [FUNcube] wrote:

> I should have included this link,
> https://sites.google.com/site/g4zfqradio/using_the_fcd#Problems

thanks. Though I'm not having FCD issues.

I discovered last evening that my transverter for the K3 and thus for
144, was blitzo.

So I used my FCDP+ read by MAP65 program to make about 20 new 2m EME
contacts.

So now I want to move the FCDP+ to the source, right after the LNA, up
on the tower.

--
73,
Bob KD7YZ
www.qrz.com/db/kd7yz
AmSat LM#901

9905. Re: [FUNcube] What type of USB is my FCDP+ ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-01 18:39:05 UTC
From: Alan
Topic: 9899 Message: 9905

Original Message -----
Subject: Re: [FUNcube] What type of USB is my FCDP+ ?

>
>> I should have included this link,
>> https://sites.google.com/site/g4zfqradio/using_the_fcd#Problems
>
>
> thanks. Though I'm not having FCD issues.
>

Bob,

Yes, but I was trying to make the point that you do not know what will work until you try it.
And that IF it does not work at first a different configuration may.

73 Alan G4ZFQ

9906. Re: [FUNcube] What type of USB is my FCDP+ ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-01 16:50:21 UTC
From: EliteData
Topic: 9899 Message: 9906
Attachments: 1 described; binary payloads are missing from this source WARC

here is a tip for everyone that owns a funcube.
get a ferrite choke and wind your usb cable 3 times through it with the ferrite choke close to the funcube.
this will significantly reduce interference from the computer its plugged into, from entering the funcube through the usb cable.
you could also go a step further to nearly eliminate all interference from the computer by winding each individual wire in the usb cable through a ferrite choke but this is also difficult to do for the novices and i would only suggest doing this if you are very experienced with electronics and using a soldering iron.
i have attached a picture as a demonstration, i am using a short usb cable.

On Tue, Dec 1, 2015 at 11:28 AM, 'Alan' g4zfq@... [FUNcube] <FUNcube@...> wrote:

>
>
> Original Message -----
> Subject: [FUNcube] What type of USB is my FCDP+ ?
>
> >I want to extend the distance the FCDP+ is from the computer that runs
> > me EME programming.
> > I found a USB-2.0 'Active' USB extension cable which they say provides
> > up to 430ma current at the far end. It's "A" to "A" Female.
> > Will this work?
> >
>
> Bob,
>
> Probably.
>
> The FCD is USB1 so it needs to be compatible.
> But I guess the only way to be sure with USB devices is to try it.
>
> 73 Alan G4ZFQ
>
>

9907. AW: [FUNcube] What type of USB is my FCDP+ ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-02 11:34:58 UTC
From: siegfried jackstien
Topic: 9899 Message: 9907

And if you use a few snap-on ferrites it is much easier to build

Make 3 turns around your fingers and add the snap-on ... and do that 2 or 3 times (if you have 2 or 3 of them)

... and from the coax acting as antenna (picking up noise from the other side) you can do (or better should do) the same on the antenna end ... add a good choke to the coax as you do with the usb cable

And then as a last step ... wrap sam al foil around the fcdpp and ground that (I have a short wire to ma ham shacks ground)

That all help to reduce noise

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Dienstag, 1. Dezember 2015 16:50
> An: FUNcube@...
> Betreff: Re: [FUNcube] What type of USB is my FCDP+ ?
>
>
>
> here is a tip for everyone that owns a funcube.
>
> get a ferrite choke and wind your usb cable 3 times through it with the
> ferrite choke close to the funcube.
>
> this will significantly reduce interference from the computer its plugged
> into, from entering the funcube through the usb cable.
>
> you could also go a step further to nearly eliminate all interference from
> the computer by winding each individual wire in the usb cable through a
> ferrite choke but this is also difficult to do for the novices and i would
> only suggest doing this if you are very experienced with electronics and
> using a soldering iron.
> i have attached a picture as a demonstration, i am using a short usb
> cable.
>
>
> On Tue, Dec 1, 2015 at 11:28 AM, 'Alan' g4zfq@onwight.net [FUNcube]
> <FUNcube@...> wrote:
>
>

>
>
>
> Original Message -----
> Subject: [FUNcube] What type of USB is my FCDP+ ?
>
> >I want to extend the distance the FCDP+ is from the computer that
> runs
> > me EME programming.
> > I found a USB-2.0 'Active' USB extension cable which they say
> provides
> > up to 430ma current at the far end. It's "A" to "A" Female.
> > Will this work?
> >
>
> Bob,
>
> Probably.
>
> The FCD is USB1 so it needs to be compatible.
> But I guess the only way to be sure with USB devices is to try it.
>
> 73 Alan G4ZFQ
>
>
>
>

9908. Re:: Re: [FUNcube] What type of USB is my FCDP+ ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-07 21:03:09 UTC
From: k5jax@...
Topic: 9899 Message: 9908

Bob
Did you find a way to move it onto the tower?
Roger
K5JAX

9909. Re: : Re: [FUNcube] What type of USB is my FCDP+ ?

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-08 18:40:26 UTC
From: Bob KD7YZ
Topic: 9899 Message: 9909

On 07-Dec-15 1603, k5jax@... [FUNcube] wrote:
>
>
> Bob
>
> Did you find a way to move it onto the tower?
>
> Roger

well, sort of.
I found a 200 foot length of active-cat5/usb from usbgear.com ... it's
about $99. They guarantee enough voltage and current ability at the
down-range USB deice.

I just haven't ordered it yet.

--
73,
Bob KD7YZ
www.qrz.com/db/kd7yz
AmSat LM#901

9910. OSCAR News released + ISS SSTV

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-09 13:34:13 UTC
From: M5AKA
Topic: 9910 Message: 9910

Issue 212 of the AMSAT-UK amateur radio satellite publication OSCAR News was released on December 9, 2015. E-members can download it via the AMSAT-UK website. The paper edition is usually posted 2-3 weeks after publication of the electronic issue.

In this issue:
• Second Birthday of FUNcube-1
• More FUNcube Fitter Message activity
• Fun with the FUNcube
• Students to have direct contact with Tim Peake during the Principia mission
• Supporting the Principia Mission
• The HamTV antennas on the Columbus module on the ISS
• Spectrum Forum Meeting – Saturday 7th November 2015
• Low Cost TVSat LNB Disciplined to a 10 MHz Reference
• Fox-1A Update
• A Homemade Portable Antenna Rotator
• Letter from America
• Shorts
• Is your licence at risk?

http://amsat-uk.org/2015/12/09/oscar-news-issue-212/

Upcoming ARISS Commemorative SSTV Event mid to late December
On November 13, 2000 the crew conducted their first ham radio contacts on ISS and on December 21, 2000 ARISS conducted their first school contact with the Burbank School in Burbank, Illinois.
An SSTV commemoration of these historic events is tentatively planned for mid to late December. It is possible that the transmission mode will be P120 instead of the P180 mode used in the past. This would allow for more pictures to be transmitted per pass.
http://www.ariss.org/news.html

Elementary School SSTV satellite STMSAT to be deployed from ISS
http://jewelbots.tumblr.com/post/134465599599/how-did-400-grade-school-students-built-a
Live-tweeting of launch @STMSat11 or subscribe to □#□MissionPossible□

WRC-15: Amateur Bands Unsuitable for Non-Amateur Satellites
http://amsat-uk.org/2015/12/08/wrc-15-amateur-bands-unsuitable-for-non-amateur-satellites/

NASA TV to cover launch of UK astronaut Tim Peake KG5BVI
http://amsat-uk.org/2015/12/08/nasa-tv-to-cover-launch-of-tim-peake-kg5bvi/

More 73 on 73 Awards Issued
http://amsat-uk.org/2015/12/05/more-73-on-73-awards-issued/

IARU at WRC-15
http://amsat-uk.org/2015/11/24/iaru-at-wrc-15/

Successful SSTV and Digitalker transmissions from SPROUT
http://amsat-uk.org/2015/11/22/sprout-sstv-digitalker/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9911. FUNcube-1 operations this weekend

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-11 19:16:43 UTC
From: Graham Shirville
Topic: 9911 Message: 9911

Hi All,

Just to confirm that FUNcube-1 is in amateur mode (transponder on and low power tlm active) now continuously until Sunday evening UTC as usual.

Have fun and enjoy the transponder.

73

Graham
G3VZV

9912. FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-13 19:48:29 UTC
From: Graham Shirville
Topic: 9912 Message: 9912

Hi All,

We can confirm that FC1 is now back in autonomous mode for the week – we plan to switch back to amateur mode on Friday 18th evening for the duration of holiday period – until Sunday January 3rd next year!

best 73

Graham
G3VZV

9913. FCDP+ Intermittant

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-13 20:42:43 UTC
From: Bob KD7YZ
Topic: 9913 Message: 9913

The earlier problems I had with connectivity now seem fzirly reguar.
I can be using the FCDP+ with MAP65 reading it.

With the LNA Button illuminated and the Mixer Gain illuminated, I will
see about 25db noise on the left-hand vertical scale of the MAP65 display.

Then later on, I will notice that the Rx-Level has dropped to about 5db.

"Sometimes" by alternatively turning "LNA" and Mixer-Gain on and off,
the received noise level will jump back to normal.

When it's not working, and the Rx Noise level is 5db, switching on and
off my own LNA has no effect. It's as if the received antenna input to
FCDP+ is disconnected.

I have tried program restart; computer restart; QTHID_4.1 off and on ..
and nothing I do can ALWAYS turn the FCDP+ back to a working state.

So, is there a mechanical problem with my FCDP+? Is there a
program-setting problem I regularly make?

--
73,
Bob KD7YZ
www.qrz.com/db/kd7yz
AmSat LM#901

9914. Re: [FUNcube] FCDP+ Intermittant

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-13 22:18:14 UTC
From: serge
Topic: 9913 Message: 9914

Bob I would suggest to try your FCPP with HDSDR or SDRSHARP software just to see if it is the FCDPP or MAP65. I would not full around with mixer gain to much use the default setting. Do not overload the front end of the FCD with too much gain from the LNA if you have already 25db from your LNA up the tower.
SergeVE1KG

----- Original Message -----
From: Bob KD7YZ kd7yz@... [FUNcube]
To: funcube@yahoogroups.com
Sent: Sunday, December 13, 2015 8:42 PM
Subject: [FUNcube] FCDP+ Intermittant

The earlier problems I had with connectivity now seem fzirly reguar.
I can be using the FCDP+ with MAP65 reading it.

With the LNA Button illuminated and the Mixer Gain illuminated, I will
see about 25db noise on the left-hand vertical scale of the MAP65 display.

Then later on, I will notice that the Rx-Level has dropped to about 5db.

"Sometimes" by alternatively turning "LNA" and Mixer-Gain on and off,
the received noise level will jump back to normal.

When it's not working, and the Rx Noise level is 5db, switching on and
off my own LNA has no effect. It's as if the received antenna input to
FCDP+ is disconnected.

I have tried program restart; computer restart; QTHID_4.1 off and on ..
and nothing I do can ALWAYS turn the FCDP+ back to a working state.

So, is there a mechanical problem with my FCDP+? Is there a
program-setting problem I regularly make?

--
73,
Bob KD7YZ
www.qrz.com/db/kd7yz
AmSat LM#901

9915. Re: [FUNcube] FCDP+ Intermittant

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-13 22:49:23 UTC
From: Bob KD7YZ
Topic: 9913 Message: 9915

On 13-Dec-15 1718, serge ve1kg@... [FUNcube] wrote:
>
> I would not full around
> with mixer gain to much use the default setting.

Actually I am not sure what the two button do. The LNA and the
Mixer-Gain. I see "145 MHz" (not selectable)
"LNA" as a blue-button
"Mixer Gain" as a blue-button
"200kHz" greyed out not selectable
"0dB" I assume the gain I would be using.

As I am sitting here I'd put the focus on QTHID then back to MAP65 then
back and I see the Rx Level of MAP65 has dropped to 4db. If I turn off
the LNA there is no change on the Rx Level of MAP65 .. there are no
signals coming through. the waterfall is black.

And I essentially am dead-in-the-water again

Do not overload the
> front end of the FCD with too much gain from the LNA if you have
> already 25db from your LNA up the tower. SergeVE1KG
>
>
> ----- Original Message ----- *From:* Bob KD7YZ kd7yz@...
> [FUNcube] <mailto:kd7yz@... [FUNcube]> *To:*
> funcube@yahoogroups.com <mailto:funcube@yahoogroups.com > *Sent:*
> Sunday, December 13, 2015 8:42 PM *Subject:* [FUNcube] FCDP+
> Intermittant
>
>
>
> The earlier problems I had with connectivity now seem fzirly reguar.
> I can be using the FCDP+ with MAP65 reading it.
>
> With the LNA Button illuminated and the Mixer Gain illuminated, I
> will see about 25db noise on the left-hand vertical scale of the
> MAP65 display.
>
> Then later on, I will notice that the Rx-Level has dropped to about
> 5db.
>
> "Sometimes" by alternatively turning "LNA" and Mixer-Gain on and
> off, the received noise level will jump back to normal.
>
> When it's not working, and the Rx Noise level is 5db, switching on

> and off my own LNA has no effect. It's as if the received antenna
> input to FCDP+ is disconnected.
>
> I have tried program restart; computer restart; QTHID_4.1 off and on
> .. and nothing I do can ALWAYS turn the FCDP+ back to a working
> state.
>
> So, is there a mechanical problem with my FCDP+? Is there a
> program-setting problem I regularly make?
>
> -- 73, Bob KD7YZ www.qrz.com/db/kd7yz AmSat LM#901
>
>

--
73,
Bob KD7YZ
www.qrz.com/db/kd7yz
AmSat LM#901

9916. Re: [FUNcube] FCDP+ Intermittant

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-13 23:06:45 UTC
From: Bob KD7YZ
Topic: 9913 Message: 9916

And, I just tried SDR# to receive the local NOAA-Wx station ... could not find any signals. Though I don't like ADR# cuz when I exit I always get an unhandled exception warning.

SDR-Console same no signal on 162.55 FM

So I am guessing the FCDP+ lasted me a year and that's it.

I wonder if they are shipping any ?

9917. FCD Pro Plus - repetitive morse code loop

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-14 09:54:49 UTC
From: simont631@...
Topic: 9917 Message: 9917

Hi - I have had trouble getting my recently-delivered FCD Pro Plus to work. I've tried Windows 7 and Mint Linux. In Windows the bootloader appears to recognize the FCD but it won't switch to app mode. HID shows the following message "Error, FCD not found: is FCD correctly installed?". I've tried various versions of the firmware, including the latest, with the same result. Using Linux Mint, Qthid 2.2 recognizes the dongle (it shows a message 'FCD is active'), but when I go into Quisk (which I think I have configured correctly) all I get is a loud, morse code-like signal, that repeats every 8 to 10 seconds. This happens even if I change the frequency in Qthid, both with and without an antenna. The latest version of Qthid shows the message "No FCD detected". Grateful for any advice!

9918. Re: [FUNcube] FCD Pro Plus - repetitive morse code loop

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-14 11:27:23 UTC
From: Alan
Topic: 9917 Message: 9918

Original Message -----
Subject: [FUNcube] FCD Pro Plus - repetitive morse code loop

> Hi - I have had trouble getting my recently-delivered FCD Pro Plus to work. I've tried Windows 7 and Mint Linux. In Windows the
> bootloader appears to recognize the FCD but it won't switch to app mode. HID shows the following message "Error, FCD not found:
> is FCD correctly installed

This could be a USB3 problem?

If the computer has USB3 try different sockets, maybe a fully compatible hub or extension. USB1 is poorly supported by some computers.

73 Alan G4ZFQ

9919. Re: [FUNcube] FCD Pro Plus - repetitive morse code loop

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-14 11:40:29 UTC
From: Lars Pettersson
Topic: 9917 Message: 9919

try this sw http://www.funcubedongle.com/MyImages/FCHid2.002.zip
i could not get my new FCD+ work either but it does with above sw
gl
Lars SM4IVE

Den 2015-12-14 kl. 10:54, skrev simont631@... [FUNcube]:
>
> Hi - I have had trouble getting my recently-delivered FCD Pro Plus to
> work. I've tried Windows 7 and Mint Linux. In Windows the bootloader
> appears to recognize the FCD but it won't switch to app mode. HID
> shows the following message "Error, FCD not found: is FCD correctly
> installed?". I've tried various versions of the firmware, including
> the latest, with the same result. Using Linux Mint, Qthid 2.2
> recognizes the dongle (it shows a message 'FCD is active'), but when I
> go into Quisk (which I think I have configured correctly) all I get is
> a loud, morse code-like signal, that repeats every 8 to 10 seconds.
> This happens even if I change the frequency in Qthid, both with and
> without an antenna. The latest version of Qthid shows the message "No
> FCD detected". Grateful for any advice!
>
>
>
>
>

--
I only work real EME no Bagpipes
CW is King!!!!

9920. AW: [FUNcube] FCD Pro Plus - repetitive morse code loop

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-14 20:04:04 UTC
From: siegfried jackstien
Topic: 9917 Message: 9920

Your dongle is in bootloader mode

You need bootloader soft to switch it back to app mode

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: FUNcube@... [mailto:FUNcube@...]
> Gesendet: Montag, 14. Dezember 2015 09:55
> An: FUNcube@...
> Betreff: [FUNcube] FCD Pro Plus - repetitive morse code loop
>
>
>
> Hi - I have had trouble getting my recently-delivered FCD Pro Plus to
> work. I've tried Windows 7 and Mint Linux. In Windows the bootloader
> appears to recognize the FCD but it won't switch to app mode. HID shows
> the following message "Error, FCD not found: is FCD correctly installed?".
> I've tried various versions of the firmware, including the latest, with
> the same result. Using Linux Mint, Qthid 2.2 recognizes the dongle (it
> shows a message 'FCD is active'), but when I go into Quisk (which I think
> I have configured correctly) all I get is a loud, morse code-like signal,
> that repeats every 8 to 10 seconds. This happens even if I change the
> frequency in Qthid, both with and without an antenna. The latest version
> of Qthid shows the message "No FCD detected". Grateful for any advice!
>
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9921. Re: AW: [FUNcube] FCD Pro Plus - repetitive morse code loop

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-14 21:25:42 UTC
From: Robin Gape (FCD)
Topic: 9917 Message: 9921

Simon,

picking up on Sigi's email, and giving more detail:

1) the Morse is a signal from the FCDPP that it is in *bootloader*
mode. If you tried to update the FCDPP with FCD firmware, then the FCDPP
will not accept FCD firmware, but will remain in bootloader mode until
reset to application mode.

2) under Linux (or Windows) you will need QTHID*4.1* to talk to an
FCDPP, see
http://www.oz9aec.net/index.php/funcube-dongle/qthid-fcd-controller

3) *FCD≠FCDPP*, and documentation produced before 2012 is misleading
if one has an FCDPP—which is what you have!

4) *All FCDPPs already have the latest firmware*. Using *QTHID
4.1*—but no other version—you should be able to talk to an FCDPP, and
reset it to defaults (see
http://sourceforge.net/projects/qthid/files/4.1/). Using the software
that you originally used to try and load new firmware (assuming that you
did that) you should be able to select APP to return your FCDPP to happy
operation. Alternatively, from Windows 7 FCHIDBL2.001 (from
https://uk.groups.yahoo.com/neo/groups/Fcdproplus/files/Pro%2B%20Frequency%20Control%20Pro
gram/)
should do the trick.

5) The usual group for FCDPP support is the FUNcube Dongle Pro+ group:
https://uk.groups.yahoo.com/neo/groups/Fcdproplus/info

Good luck,

Robin, G8DQX

PS: A phrase such as
> The latest version of Qthid
is horribly ambiguous, since a reader doesn't know what /latest version/
you have discovered. One is well advised always to be quite specific
with version numbers, especially when asking for help from other people!

On 14/12/15 20:04, 'siegfried jackstien' siegfried.jackstien@...
[FUNcube] wrote:
>
> Your dongle is in bootloader mode
>
> You need bootloader soft to switch it back to app mode
>

> Dg9bfc
>
> Sigi
>
> > -----Ursprüngliche Nachricht-----
> > Von: FUNcube@... [mailto:FUNcube@...]
> > Gesendet: Montag, 14. Dezember 2015 09:55
> > An: FUNcube@...
> > Betreff: [FUNcube] FCD Pro Plus - repetitive morse code loop
> >
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> >
> > Hi - I have had trouble getting my recently-delivered FCD Pro Plus to
> > work. I've tried Windows 7 and Mint Linux. In Windows the bootloader
> > appears to recognize the FCD but it won't switch to app mode. HID shows
> > the following message "Error, FCD not found: is FCD correctly
> installed?".
> > I've tried various versions of the firmware, including the latest, with
> > the same result. Using Linux Mint, Qthid 2.2 recognizes the dongle (it
> > shows a message 'FCD is active'), but when I go into Quisk (which I
> think
> > I have configured correctly) all I get is a loud, morse code-like
> signal,
> > that repeats every 8 to 10 seconds. This happens even if I change the
> > frequency in Qthid, both with and without an antenna. The latest version
> > of Qthid shows the message "No FCD detected". Grateful for any advice!
> >
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9922. Re: AW: [FUNcube] FCD Pro Plus - repetitive morse code loop

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-15 04:49:19 UTC
From: Simon Taylor
Topic: 9917 Message: 9922

Thanks Robin for your helpful reply. I'll work my way through your suggestions.

regards

Simon

On 15/12/15 08:25, 'Robin Gape (FCD)' fcd@... [FUNcube] wrote:
>
> Simon,
>
> picking up on Sigi's email, and giving more detail:
>
> *1)* the Morse is a signal from the FCDPP that it is in *bootloader*
> mode. If you tried to update the FCDPP with FCD firmware, then the
> FCDPP will not accept FCD firmware, but will remain in bootloader mode
> until reset to application mode.
>
> *2)* under Linux (or Windows) you will need QTHID*4.1* to talk to an
> FCDPP, see
> http://www.oz9aec.net/index.php/funcube-dongle/qthid-fcd-controller
>
> *3)* *FCD≠FCDPP*, and documentation produced before 2012 is misleading
> if one has an FCDPP—which is what you have!
>
> *4)* *All FCDPPs already have the latest firmware*. Using *QTHID
> 4.1*—but no other version—you should be able to talk to an FCDPP, and
> reset it to defaults (see
> http://sourceforge.net/projects/qthid/files/4.1/). Using the software
> that you originally used to try and load new firmware (assuming that
> you did that) you should be able to select APP to return your FCDPP to
> happy operation. Alternatively, from Windows 7 FCHIDBL2.001 (from
> https://uk.groups.yahoo.com/neo/groups/Fcdproplus/files/Pro%2B%20Frequency%20Control%20Program/)
> should do the trick.
>
> *5)* The usual group for FCDPP support is the FUNcube Dongle Pro+
> group: https://uk.groups.yahoo.com/neo/groups/Fcdproplus/info
>
> Good luck,
>
> Robin, G8DQX
>
> PS: A phrase such as
>

>> The latest version of Qthid
> is horribly ambiguous, since a reader doesn't know what /latest
> version/ you have discovered. One is well advised always to be quite
> specific with version numbers, especially when asking for help from
> other people!
>
>
> On 14/12/15 20:04, 'siegfried jackstien'
> siegfried.jackstien@... [FUNcube] wrote:
>>
>> Your dongle is in bootloader mode
>>
>> You need bootloader soft to switch it back to app mode
>>
>> Dg9bfc
>>
>> Sigi
>>
>> > -----Ursprüngliche Nachricht-----
>> > Von: FUNcube@... [mailto:FUNcube@...]
>> > Gesendet: Montag, 14. Dezember 2015 09:55
>> > An: FUNcube@...
>> > Betreff: [FUNcube] FCD Pro Plus - repetitive morse code loop
>> >
>> >
>> >
>> > Hi - I have had trouble getting my recently-delivered FCD Pro Plus to
>> > work. I've tried Windows 7 and Mint Linux. In Windows the bootloader
>> > appears to recognize the FCD but it won't switch to app mode. HID shows
>> > the following message "Error, FCD not found: is FCD correctly
>> installed?".
>> > I've tried various versions of the firmware, including the latest, with
>> > the same result. Using Linux Mint, Qthid 2.2 recognizes the dongle (it
>> > shows a message 'FCD is active'), but when I go into Quisk (which I
>> think
>> > I have configured correctly) all I get is a loud, morse code-like
>> signal,
>> > that repeats every 8 to 10 seconds. This happens even if I change the
>> > frequency in Qthid, both with and without an antenna. The latest
>> version
>> > of Qthid shows the message "No FCD detected". Grateful for any advice!
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9923. Re: [FUNcube] FCD Pro Plus - repetitive morse code loop

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-15 04:50:00 UTC
From: Simon Taylor
Topic: 9917 Message: 9923

Thanks Lars, greatly appreciated.
Simon

On 14/12/15 22:40, Lars Pettersson sm4ive@... [FUNcube] wrote:
>
> try this sw http://www.funcubedongle.com/MyImages/FCHid2.002.zip
> i could not get my new FCD+ work either but it does with above sw
> gl
> Lars SM4IVE
>
> Den 2015-12-14 kl. 10:54, skrev simont631@... [FUNcube]:
>>
>> Hi - I have had trouble getting my recently-delivered FCD Pro Plus to
>> work. I've tried Windows 7 and Mint Linux. In Windows the
>> bootloader appears to recognize the FCD but it won't switch to app
>> mode. HID shows the following message "Error, FCD not found: is FCD
>> correctly installed?". I've tried various versions of the firmware,
>> including the latest, with the same result. Using Linux Mint, Qthid
>> 2.2 recognizes the dongle (it shows a message 'FCD is active'), but
>> when I go into Quisk (which I think I have configured correctly) all
>> I get is a loud, morse code-like signal, that repeats every 8 to 10
>> seconds. This happens even if I change the frequency in Qthid, both
>> with and without an antenna. The latest version of Qthid shows the
>> message "No FCD detected". Grateful for any advice!
>>
>>
>>
>>
>
> --
> I only work real EME no Bagpipes
> CW is King!!!!
>

9924. Re: AW: [FUNcube] FCD Pro Plus - repetitive morse code loop

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-15 04:51:40 UTC
From: Simon Taylor
Topic: 9917 Message: 9924

Thanks Sigi, much appreciated.
Simon

On 15/12/15 07:04, 'siegfried jackstien' siegfried.jackstien@...
[FUNcube] wrote:
>
> Your dongle is in bootloader mode
>
> You need bootloader soft to switch it back to app mode
>
> Dg9bfc
>
> Sigi
>
> > -----Urspr?ngliche Nachricht-----
> > Von: FUNcube@... [mailto:FUNcube@...]
> > Gesendet: Montag, 14. Dezember 2015 09:55
> > An: FUNcube@...
> > Betreff: [FUNcube] FCD Pro Plus - repetitive morse code loop
> >
> >
> >
> > Hi - I have had trouble getting my recently-delivered FCD Pro Plus to
> > work. I've tried Windows 7 and Mint Linux. In Windows the bootloader
> > appears to recognize the FCD but it won't switch to app mode. HID shows
> > the following message "Error, FCD not found: is FCD correctly
> installed?".
> > I've tried various versions of the firmware, including the latest, with
> > the same result. Using Linux Mint, Qthid 2.2 recognizes the dongle (it
> > shows a message 'FCD is active'), but when I go into Quisk (which I
> think
> > I have configured correctly) all I get is a loud, morse code-like
> signal,
> > that repeats every 8 to 10 seconds. This happens even if I change the
> > frequency in Qthid, both with and without an antenna. The latest version
> > of Qthid shows the message "No FCD detected". Grateful for any advice!
> >
> >
> >
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> >
> >
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>

9925. Re: [FUNcube] FCD Pro Plus - repetitive morse code loop

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-15 04:52:23 UTC
From: Simon Taylor
Topic: 9917 Message: 9925

Thanks Alan, I'll try that.
regards
Simon

On 14/12/15 22:27, 'Alan' g4zfq@... [FUNcube] wrote:
>
>
> Original Message -----
> Subject: [FUNcube] FCD Pro Plus - repetitive morse code loop
>
> > Hi - I have had trouble getting my recently-delivered FCD Pro Plus
> to work. I've tried Windows 7 and Mint Linux. In Windows the
> > bootloader appears to recognize the FCD but it won't switch to app
> mode. HID shows the following message "Error, FCD not found:
> > is FCD correctly installed
>
> This could be a USB3 problem?
>
> If the computer has USB3 try different sockets, maybe a fully
> compatible hub or extension.
> USB1 is poorly supported by some computers.
>
> 73 Alan G4ZFQ
>
>

9926. Tim Peake ISS School Contacts Announced

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-15 18:21:29 UTC
From: M5AKA
Topic: 9926 Message: 9926

ARISS have announced details of the first of the school amateur radio contacts with UK astronaut Tim Peake KG5BVI. Tim will be using the special International Space Station (ISS) call sign GB1SS during his near 6 month mission.

http://amsat-uk.org/2015/12/15/tim-peake-iss-school-contacts-announced/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9927. ISS SSTV activity planned for late Dec. 2015 + SME-SAT

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-17 13:37:06 UTC
From: M5AKA
Topic: 9927 Message: 9927

ISS SSTV activity planned for late Dec. 2015
http://amsat-uk.org/2015/12/17/iss-sstv-activity-planned-for-late-dec-2015/

SME-SAT video
http://amsat-uk.org/2015/12/16/sme-sat-video/

Tim Peake ISS School Contacts Announced
http://amsat-uk.org/2015/12/15/tim-peake-iss-school-contacts-announced/

Tim Peake launch - Amateur Radio in the Media
http://www.southgatearc.org/news/2015/december/tim_peake_launch_amateur_radio_in_the_media.htm

Helen Sharman and Amateur Radio
http://amsat-uk.org/2015/12/13/helen-sharman-and-amateur-radio/

OSCAR News Issue 212
http://amsat-uk.org/2015/12/09/oscar-news-issue-212/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9928. EO-79 transponder activation

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-21 21:39:58 UTC
From: M5AKA
Topic: 9928 Message: 9928

EO-79 transponder activation
http://amsat-uk.org/2015/12/21/eo79-transponder-activation/

AO-73 in continuous transponder mode
http://amsat-uk.org/2015/12/21/ao-73-in-continuous-transponder-mode/

Amateur radio in UK Spectrum Policy Forum report
http://amsat-uk.org/2015/12/18/amateur-radio-in-uk-spectrum-policy-forum-report/

ISS SSTV activity planned for late Dec. 2015 - Sample PD120 audio
http://amsat-uk.org/2015/12/17/iss-sstv-activity-planned-for-late-dec-2015/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9929. Merry Xmas

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-24 16:56:39 UTC
From: robpegs@...
Topic: 9929 Message: 9929

Merry Christmas all, have a great day and all the best for 2016

Rob M0TFO

9930. Auth Code

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-31 15:10:30 UTC
From: Greg Walls
Topic: 9930 Message: 9930

I have recently started copying telemetry data from AO-73 and am having a blast with it. I would like to be able to send my captured data in but I have lost my auth code and can't figure out how to get it again. I tried logging on but apparently I don't know user name either!

I am sorry to be a bother, apparently I'm getting old!

73

Greg

W4GHW

9931. Re: [FUNcube] Auth Code

Yahoo group: FUNcube (2015 — 2018)
Date: 2015-12-31 17:17:55 UTC
From: dave@...
Topic: 9930 Message: 9931

Hi Greg

I'll get the details to you tomorrow.

73

Dave, G4DPZ

Sent from my iPhone

> On 31 Dec 2015, at 15:10, 'Greg Walls' gwalls@... [FUNcube] <FUNcube@...> wrote:
>
> I have recently started copying telemetry data from AO-73 and am having a blast with it. I would like to be able to send my captured data in but I have lost my auth code and can’t figure out how to get it again. I tried logging on but apparently I don’t know user name either!
>
>
>
> I am sorry to be a bother, apparently I’m getting old!
>
>
>
> 73
>
> Greg
>
> W4GHW
>
>

9932. Re: [FUNcube] Auth Code

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-01 17:49:42 UTC
From: David Johnson
Topic: 9930 Message: 9932

Hi

If anyone else has lost their warehouse credentails please email dave at g4dpz dot me dot uk

73

Dave

On Thu, Dec 31, 2015 at 3:10 PM, 'Greg Walls' gwalls@... [FUNcube] <FUNcube@...> wrote:

>
>
> I have recently started copying telemetry data from AO-73 and am having a
> blast with it. I would like to be able to send my captured data in but I
> have lost my auth code and can’t figure out how to get it again. I tried
> logging on but apparently I don’t know user name either!
>
>
>
> I am sorry to be a bother, apparently I’m getting old!
>
>
>
> 73
>
> Greg
>
> W4GHW
>
>
>

9933. FCD Pro (not +) on Linux Mint 17.2

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-05 09:41:56 UTC
From: g8kbvdave@...
Topic: 9933 Message: 9933

Morning, HNY etc...

Trying to get one or other of my FCD Pro's (NOT the later + versions) working with something on Linux.

Tried gqrx, that runs, seems to "see" the FCD, but doesnt, cant (or wont) control it. No error messages.

I notice the only way to launch the program is from a terminal command line, as the "installer" (installed via repo) doesnt create a launcher in any menu context, so have to $ gqrx or... $ sudo gqrx That doesnt help, either way its a nice source of audio white noise, but that's all.

Trying qthid, assuming for now, that is needed to "control" the FCD as gqrx is seemingly unable.

From repo (V4.0) runs, but "No FCD found" message all the time. $ sudo qthid no different...

Pulled V4.0 (precompiled binary) from SourceForge, placed in own folder from ~, and run in there as $ ./qthid (or $ sudo ./qthid) reasults in a complaint about a missing library (sorry, not got the exact message to hand. But it's something to do with querying the udev database. "missing libudev.so.0:" Or similar.)

Yes, added the FunCubeDongle UDEV rules file, gave it the 65- prefix as listed in the udev readme, as that's in relation to hardware devices IO needs etc.

Googling some (for an hour or more!) It's a common complaint, that lib' missing. Eventually found that it can be pulled from a Ubuntu archive as a package, so installed that with no complaints or warnings from the OS... The "installed" version of qthid (with/without sudo) still can't see the FCD.

The folder version (~/qthid-etc) now can see and control the dongle, when launched as:- $ sudo ./qthid from within it's folder. Result! :)

With qthid running, now launch gqrx:
That however now crashes and burns when the "Start" button is used to start the SDR, needing a forced close to rid the system of it, then a logout/login and replug of the FCD to get control back. That happens launching it with or without sudo.

Tried again just running gqrx without qthid running. Same problem... Lock/crash and burn... (With or without sudo.)

A clue? The Terminal window used to launch gqrz is showing repeating lines of 0a0a0a0a0a0a0a0a etc, repeatedly being dumped to it from gqrx. gqrx also shows the "S meter" pinned at maximum, but no specra or waterfall, and is totally unresponsive to user input.

The rest of the system seems to be working OK, but the CPU fan sounds like a jet engine, and doing a good impression of an industrial paint stripper with the heat produced while gqrx is "having a hissy fit".

So... What's the correct way to get this lot working on Linux, without needing extreme hackery etc. Or any other PROVEN WORKING with the FCD PRO (non +) SDR software.

I don't mind building from sources, so long as ALL the needed instructions are valid. (Sadly, not always the case I find with much ham software on Linux, where often undocumented dependancies create a total show stopper.)

The PC is a nice Dell XPS laptop, i7 cpu, 6G of RAM, running Linux Mint 17.2 32 bit, Cinnamon desktop, & up-to-date. Otherwise fast and stable, and a plesure to use Linux on. Dual boot with Win7 Pro 64 bit, where of course an older version of SDR# etc runs the same FCD(s) without issue. (But I'm trying to rid myself of Windows in the shack at home where possible.)

The same FCD (well, both of them) also run just fine on another Win7(32 bit) machine with an older instance of SDR# (Pre Airspy hijack.) Where I've used them for HAB tracking in the past year or two with SDR#, and dlFldigi etc.
(Using the built in soundcard's own analog loop back device, to get SDR# audio into dlFldigi.)

73.

Dave G0WBX (G8KBV)

9934. Re:: FCD Pro (not +) on Linux Mint 17.2

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-05 16:05:30 UTC
From: pe0sat@...
Topic: 9933 Message: 9934

Hello Dave,

Well we seem to be brothers in arms because I have exactly the same problem with my FUNcube Dongle Pro+.

One thing I also experience when this all happens that when I run dmesg there are error messages regarding low bandwidth. This message is only giving hits when using google in combination with a Rapsberry Pi.

When I run Windows on the same hardware no problems what so ever.

The only thing I can think of, is that it is a conflict between the on-board sound card and the FCDPP.

aplay -l output (without FCDPP):

```
**** List of PLAYBACK Hardware Devices ****
card 0: PCH [HDA Intel PCH], device 0: 92HD81B1X5 Analog [92HD81B1X5 Analog]
Subdevices: 0/1
Subdevice #0: subdevice #0
card 0: PCH [HDA Intel PCH], device 3: HDMI 0 [HDMI 0]
Subdevices: 1/1
Subdevice #0: subdevice #0
card 0: PCH [HDA Intel PCH], device 7: HDMI 1 [HDMI 1]
Subdevices: 1/1
Subdevice #0: subdevice #0
card 0: PCH [HDA Intel PCH], device 8: HDMI 2 [HDMI 2]
Subdevices: 1/1
Subdevice #0: subdevice #0
```

arecord -l output (without FCDPP):

```
**** List of CAPTURE Hardware Devices ****
card 0: PCH [HDA Intel PCH], device 0: 92HD81B1X5 Analog [92HD81B1X5 Analog]
Subdevices: 1/1
Subdevice #0: subdevice #0
```

```
lspci | grep -i audio
00:1b.0 Audio device: Intel Corporation 6 Series/C200 Series Chipset Family High
Definition Audio Controller (rev 04)
```

Maybe we have the same on-board audio device.

The hardware I am using is a HP Probook 6460b. (12Gb, 120Gb SSD, Ubuntu 14.04 LTS)
No problems running RTL-SDR dongles or an Airspy R2 at 10msps

73 Jan - PE0SAT

9935. Re:: FCD Pro (not +) on Linux Mint 17.2

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-05 16:19:14 UTC
From: g8kbvdave@...
Topic: 9933 Message: 9935

Hello Jan.

Not that it helps any, but glad to know it's "not only me" then. :) Though it appears you have a subtly different problem to that I experience.

I presume, with the FCD plugged in, if you

$ lsusb

There is a line in there somewhere showing the Microchip name, relating to the embedded PIC in the FCD.

I'll get more info later when I get home.

73

Dave G0WBX (G8KBV)

9936. Re:: FCD Pro (not +) on Linux Mint 17.2

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-05 16:33:57 UTC
From: pe0sat@...
Topic: 9933 Message: 9936

Hi Dave,

Everything you experience is exactly the same with my FCDPP. I only didn't try qthid. But on the other hand I tried GNURadio and this also reacts in the same way as GQRX when using the FCDPP.

And yes there is a FUNcube device listed when I insert it to one of the USB ports

kernel: [1292.456760] hid-generic 0003:04D8:FB31.0006: hiddev0,hidraw3: USB HID v1.11 Device [Hanlincrest Ltd. FUNcube Dongle V2.0] on usb-0000:00:1d.0-1.1/input2

73 Jan PE0SAT

9937. Re:: FCD Pro (not +) on Linux Mint 17.2

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-05 16:36:29 UTC
From: g8kbvdave@...
Topic: 9933 Message: 9937

Jan...

While I do remember...

This has proved very useful to me in the past...

http://www.kroah.com/linux/usb/ http://www.kroah.com/linux/usb/

A Linux implementaion of the oh-so-useful "UsbView" tool that exists for Windows.

There is a link to the (small) source tarball, that should allow you to compile it for your system. I've had it running on a couple of Lubuntu systems, and intend to put it on the Mint system later also.

You have to run it with root priveliges, but that works with sudo on the command line, or gksu in a launcher.

More later.

73

Dave.

9938. Re:: FCD Pro (not +) on Linux Mint 17.2

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-06 16:32:50 UTC
From: g8kbvdave@...
Topic: 9933 Message: 9938

Hi Jan.

This is as far as I got yesterday, and the day before.

The error trying to run qthid-4.0 without libudev0 (not installed as standard in mint 17.2)

```
dave@G0WBX-Dell-System-XPS-L502X ~/qthid-4.0-linux-i386 $ sudo ./qthid
[sudo] password for dave:
./qthid: error while loading shared libraries: libudev.so.0: cannot open shared object
file: No such file or directory
dave@G0WBX-Dell-System-XPS-L502X ~/qthid-4.0-linux-i386 $
```

If that lib is installed, from:-
http://packages.ubuntu.com/precise/i386/libudev0/download

Then qthid-4.0 works. (But gqrx crashes. More of that later.)

Removing that lib, and the downloaded qthid-4.0, then ...

```
dave@G0WBX-Dell-System-XPS-L502X ~ $ qthid
The program 'qthid' is currently not installed. You can install it by typing:
sudo apt-get install qthid-fcd-controller
dave@G0WBX-Dell-System-XPS-L502X ~ $ sudo apt-get install qthid-fcd-controller
```

Getting that, and then running it, it reports that it can't find the the FCD, while...

```
$ lsusb finds...
Bus 002 Device 005: ID 04d8:fb56 Microchip Technology, Inc.
among other things.
```

and ..

```
$ dmesg shows at the end of the (long) list...

[ 8192.356781] usb 2-1.2: new full-speed USB device number 5 using ehci-pci
[ 8192.452128] usb 2-1.2: New USB device found, idVendor=04d8, idProduct=fb56
[ 8192.452139] usb 2-1.2: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[ 8192.452144] usb 2-1.2: Product: FUNcube Dongle V1.0
[ 8192.452149] usb 2-1.2: Manufacturer: Hanlincrest Ltd.
[ 8192.456857] hid-generic 0003:04D8:FB56.0002: hiddev0,hidraw1: USB HID v1.11 Device
[Hanlincrest Ltd. FUNcube Dongle V1.0 ] on usb-0000:00:1d.0-1.2/input2
[ 8192.550181] usbcore: registered new interface driver snd-usb-audio
```

(Mine is the earlier FUNcube Pro dongle, NOT the later + type, hence shows as V1.0 above.)

Even trying to start qthid thus:-

```
$ sudo qthid
```

also results in "No FCD dectected"

usbview(*) shows this about the FCD when plugged...
(* from <www.kroah.com/linux/usb/> but I did have to download all the gtk lib's to get it to build.)

FUNcube Dongle V1.0
Manufacturer: Hanlincrest Ltd.
Speed: 12Mb/s (full)
USB Version: 1.10
Device Class: 00(>ifc)
Device Subclass: 00
Device Protocol: 00
Maximum Default Endpoint Size: 8
Number of Configurations: 1
Vendor Id: 04d8
Product Id: fb56
Revision Number: 0.02

Config Number: 1
Number of Interfaces: 3
Attributes: 80
MaxPower Needed: 150mA

Interface Number: 0
Name: snd-usb-audio
Alternate Number: 0
Class: 01(audio)
Sub Class: 01
Protocol: 00
Number of Endpoints: 0

Interface Number: 1
Name: snd-usb-audio
Alternate Number: 0
Class: 01(audio)
Sub Class: 02
Protocol: 00
Number of Endpoints: 0

Interface Number: 1
Name: snd-usb-audio
Alternate Number: 1
Class: 01(audio)
Sub Class: 02
Protocol: 00
Number of Endpoints: 1

Endpoint Address: 81
Direction: in
Attribute: 1
Type: Isoc
Max Packet Size: 388
Interval: 1ms

Interface Number: 2
Name: usbhid
Alternate Number: 0
Class: 03(HID)
Sub Class: 00
Protocol: 00
Number of Endpoints: 2

Endpoint Address: 82
Direction: in
Attribute: 3
Type: Int.
Max Packet Size: 64
Interval: 1ms

Endpoint Address: 02
Direction: out
Attribute: 3
Type: Int.
Max Packet Size: 64
Interval: 1ms

That is as far as I got.

I've since removed all the known FCD stuff, and all versions of qthid etc (except the udev rules for now) and plan at Alex's recomendation on trying gqrx again, but this time following the instructions at:-

http://gqrx.dk/download/install-ubuntu http://gqrx.dk/download/install-ubuntu

If any problems, I'll go to:-
https://groups.google.com/forum/#!forum/gqrx https://groups.google.com/forum/#!forum/gqrx

to seek advice, again on his reccomendation. I have a google ID, but it's a public group anyway as far as I can tell.

I'll let you know what happens. But just for the heck of it, and to check once more that the FCD itself is good, I put SDR# on the windows 7 machine here in the office, and spent lunchtime tuning arround...

73 Jan.

Dave G0WBX.

9939. Re:: FCD Pro (not +) on Linux Mint 17.2

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-06 21:58:10 UTC
From: g8kbvdave@...
Topic: 9933 Message: 9939

Hi again Jan.

I can confirm a successful install of gqrx, and working with the "FUNcube Dongle Pro" just fine on Linux Mint 17.2 with Cinnamon desktop, after adding the special PPA's to the system for updates etc.

Just follow those instructions I linked in the previous email.

The volk_test optimization failed on this PC, it got stuck doing some test called "rotatorpuppet", so I ^C'd out of it, checked it had not created any result data, then let rip with gqrx, and "it just worked". Sweet.

Hope this helps you Jan.

73.

Dave G0WBX.

9940. Sandringham School students prepare for ARISS contact with Space Festival Week

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-06 22:43:16 UTC
From: M5AKA
Topic: 9940 Message: 9940

Sandringham School Space Festival Week Events
https://drive.google.com/file/d/0B1uGINiJk1_CczF5YUw2bHd1S28/view

Video of Sandringham Students in Ham Radio Buildathon
http://amsat-uk.org/2016/01/06/students-in-ham-radio-buildathon/

ARISS contact planned for Sandringham School in St. Albans
http://amsat-uk.org/2016/01/05/ariss-contact-planned-for-school-in-st-albans/

ARISS Sandringham School contact – how to get involved
http://amsat-uk.org/2016/01/05/iss-school-contact-how-to-get-involved/

Sandringham School students pass amateur radio exam
http://amsat-uk.org/2015/12/30/tim-peake-sandringham-school/

Huffington Post report: Schoolgirl Is Going To Operate A Radio Station So She Can Call Tim Peake From Earth
http://www.huffingtonpost.co.uk/2016/01/05/this-schoolgirl-is-going-to-operate-a-radio-station-and-call-tim-peake-from-earth_n_8915462.html

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9941. TV News reports of Sandringham ARISS contact

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-08 14:53:00 UTC
From: M5AKA
Topic: 9941 Message: 9941

Links for videos of TV news reports about Sandringham School Tim Peake ARISS amateur radio contact are at
http://amsat-uk.org/2016/01/08/bbc-tv-sandringham-school-amateur-radio-iss-contact/

Sandringham students speak to Tim Peake GB1SS
http://amsat-uk.org/2016/01/08/sandringham-students-speak-to-tim-peake-gb1ss/

Video of the Women in Engineering activity which was part of Space Festival culminating in ARISS contact is at
http://amsat-uk.org/2016/01/07/students-prepare-for-iss-contact/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9942. Re: [FUNcube] Re:: FCD Pro (not +) on Linux Mint 17.2

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-08 22:18:57 UTC
From: Robin Gape (FCD)
Topic: 9933 Message: 9942

Dave,

I think that you meant *volk_profile*, which is a good test of *anyone's* patience. On a modern Intel i7 machine it took about 5 minutes to run, on less powerful x86 machines up to 15 minutes. This is in part because it is single threaded. It might take anything up to 30 minutes (or more) on a ARM processor, since again it will only be stressing a *single core*.

HTH, and good luck

Robin, G8DQX

On 06/01/16 21:58, g8kbvdave@... [FUNcube] wrote:
> The volk_test optimization failed on this PC, it got stuck doing some
> test called "rotatorpuppet", so I ^C'd out of it, checked it had not
> created any result data, then let rip with gqrx, and "it just
> worked". Sweet.

9943. Na3p

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-09 16:28:26 UTC
From: wa2tti@...
Topic: 9943 Message: 9943

Will this SW work with the Pro+? I can't seem to set it up. Jerry

9944. Data warehouse down?

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-15 09:03:19 UTC
From: g4bip@...
Topic: 9944 Message: 9944

Hi - I am unable to upload data or reach the data warehouse web pages for the past 12 hours. Is there a problem or is it finger trouble my end?

Thanks,
Brian Hardy G4BIP

9945. Re: [FUNcube] Data warehouse down?

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-15 09:29:13 UTC
From: dave@...
Topic: 9944 Message: 9945

There is a problem at the ISP, we should be back on in a couple of hours.

73

Dave

Sent from my iPhone

> On 15 Jan 2016, at 09:03, g4bip@....uk [FUNcube] <FUNcube@...> wrote:
>
> Hi - I am unable to upload data or reach the data warehouse web pages for the past 12 hours. Is there a problem or is it finger trouble my end?
>
> Thanks,
> Brian Hardy G4BIP
>
>
>
>

9946. SdrDx 2.14p to SdrDx 2.16a Upgrade Announcement

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-19 00:13:30 UTC
From: fyngyrz@...
Topic: 9946 Message: 9946

SDR software for OS X 10.6 and up, and Windows XP and up
Web Page w/downloads: http://fyngyrz.com/?p=915 o Direct support for AFEDRI SDRs o RTL SDR support under OSX via the Black Cat Systems RTL server o Wideband FM demodulation, mono and stereo o 100- and 60-KHz wide FM demodulated carrier scope modes o FM RDS demod: station ID, genre, program information o FM multipath analysis scope mode o Dual trace (stereo) linear spectrum scope mode o Dual trace (stereo) vector spectrum scope mode o X/Y scope mode for stereo audio separation analysis o 67 KHz FM SCA demodulation o 92 KHz FM SCA demodulation o FM high blend with user controlled crossover o Pink and white noise generator for high blend crossover adjustment o RTTY demodulation and display o Optional fixed span step size o Zoom in/out for RF spectrum and waterfall o Custom user sample rates for SDRs that can support them o Custom user bandwidths for SDRs that can support them o Custom grid presets for all SDR sample rates o Full overspan available for demodulation, RF spectrum and waterfall o Unique nouse click resolutions for each demodulator mode o Auto waterfall intercept assists with waterfall level o SAM mode now supports level squelch o Peak waveform with variable hold (vector, carrier, linear, waterfall, 3d) o Four external command invocation buttons o TCP commands to capture scope, spectrum, s-meter. demod region o Spectral averaging scope modes (vector, carrier, linear, waterfall, 3d) o command to (re)set app window to optimum size o demodulated text display area o separate spectrum / waterfall view for full screen display o Noise blanking free spectrum mode o Trapezoid and raw RF scope modes for AM o Active online keyboard reference o Faster, smarter custom file dialogs o Major documentation update

9947. Account funcube warehouse

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-27 10:57:16 UTC
From: Roland Seidel
Topic: 9947 Message: 9947

Hallo,for some time i have make account at http://warehouse.funcube.org.uk/register.html;jsessionid=A7B54E79C903A638F6EB26E959C739D7?satelliteId=2But sorry, i can not find my site ID and my Auth Code to stream my data to warehouse.Please, can you send me my ID and Code.My call: DC1RSNMy mail: rolandseidel@...73RegardsRolandDC1RSN

9948. ISS Satellite Deployment + Tim Peake + APRS Harmonization

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-27 16:02:01 UTC
From: M5AKA
Topic: 9948 Message: 9948

IARU R1 Paper: APRS Harmonization and removal of OSCAR sub-band
http://amsat-uk.org/2016/01/27/iaru-paper-aprs-harmonisation/

ISS Satellite Deployment Jan 29
http://amsat-uk.org/2016/01/27/iss-satellite-deployment/

Chelmsford Talk: Amateur Radio Satellites - with emphasis on beginners
http://amsat-uk.org/2016/01/24/chelmsford-talk-amateur-radio-satellites/

Video of Tim Peake ham radio contact with Sandringham School
http://amsat-uk.org/2016/01/09/video-tim-peake-sandringham/

Local newspaper reports reception of Tim Peake on ISS
http://amsat-uk.org/2016/01/13/local-paper-tim-peake-iss/

Amateur radio village at EMF 2016 Guildford
http://amsat-uk.org/2016/01/13/amateur-radio-village-at-emf-2016/

73 Trevor M5AKA

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Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9949. How accurately do we no Fun Cube satellites position?

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-31 18:46:05 UTC
From: billlionheart@...
Topic: 9949 Message: 9949

I asked a question on NavList about finding your position on earth using the Doppler shift from an amateur satellite, in the same way some satellite navigation systems (Triton, Argos etc) work.

I am sure it would be possible to use a Funcube Dongle or other SDR to analyse the frequency shift. The other end of it a curate ephemeris, knowing where the satellite is.

Does anyone know how accurately we know the orbit and where amateur satellites are at any time.

9950. Re: [FUNcube] How accurately do we no Fun Cube satellites position?

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-01-31 23:12:45 UTC
From: Robin Gape (FCD)
Topic: 9949 Message: 9950

Dear 10^9,

first off, one requires a datum point (such as the Greenwich observatory);

secondly one requires a set of measurements either taken at the datum,
or which may be referenced to that datum (think differential GPS);

thirdly, an accurate time source (these days UTC, and if using a
computer of some sort then ntp or some other highly accurate clock),
which may be distributed to the various measurement stations (the modern
John Harrison);

fourthly, a stable receiver to make Doppler measurements with, or to
compare signal timing between measurement stations;

Once one has got to this stage, then a Geodesic (reference earth) such
as WGS 84 will be required, as accuracy increases, since Terra is not a
perfect sphere.

In the past, Amateur Radio satellites have been ranged actively by
passing pseudo-random sequences through transponders, as well as by
Doppler observations.

As to how accurately element sets are known, then that depends on the
authority issuing the element sets, and the fluctuations in orbital
decay. The lower a satellite's orbital height, and the greater its cross
section compared to its mass, then the more there will be orbital
fluctuations. It has also been known (allegedly) for NORAD to
mis-identify orbital objects!

Given all that, your favourite search engine is your friend,

Robin, G8DQX

On 31/01/16 18:46, billlionheart@... [FUNcube] wrote:
>
> I asked a question on NavList about finding your position on earth
> using the Doppler shift from an amateur satellite, in the same way
> some satellite navigation systems (Triton, Argos etc) work.
>
> I am sure it would be possible to use a Funcube Dongle or other SDR to
> analyse the frequency shift. The other end of it a curate ephemeris,
> knowing where the satellite is.
>
> Does anyone know how accurately we know the orbit and where amateur
> satellites are at any time.
>

>
>

9951. All UK ARISS shortlisted schools now scheduled + Tim Peake School update

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-02-04 19:47:14 UTC
From: M5AKA
Topic: 9951 Message: 9951

All UK ARISS shortlisted schools are now scheduled
http://amsat-uk.org/2016/02/03/all-uk-ariss-shortlisted-schools-are-now-scheduled/

Primary (Elementary) school students tune in to Tim Peake
http://amsat-uk.org/2016/02/02/primary-school-students-tune-in-to-tim-peake/

An Unlikely Pair of Satellites
http://amsat-uk.org/2016/01/30/an-unlikely-pair-of-satellites/

Sandringham School presentation
http://amsat-uk.org/2016/01/28/sandringham-school-presentation/

The 3rd RSGB Tim Peake KG5BVI amateur radio school update is available at
http://us5.campaign-archive1.com/?u=acc8d476eba710615541e5667&id=ec64c462e1&e=e130f21451

AMSAT-BR (AMSAT Brazil) is celebrating its first anniversary on Friday, February 5 - Activity session and Diploma
https://www.facebook.com/amsatuk/posts/1001504376559278

73 Trevor M5AKA

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Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9952. FUNcube-1 Mode switch

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-02-07 23:07:18 UTC
From: Graham Shirville
Topic: 9952 Message: 9952

Hi All,

Just to confirm that FUNcube-1 is now switching modes autonomously for the week. The transponder will be active when the spacecraft is in eclipse. Low power telemetry will also be transmitted during these periods. When the spacecraft is in sunlight then high power telemetry will be transmitted.

We expect to revert to continuous transponder activity for the weekend from next Friday evening as usual.

73

Graham
G3VZV

9953. HamTV ARISS Contact Video

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-02-12 14:13:23 UTC
From: M5AKA
Topic: 9953 Message: 9953

Video of Tim Peake’s first Digital Amateur Television (DATV) HamTV ARISS contact as received direct by Colin Watts G4KLB in Bournemouth
https://www.youtube.com/watch?v=9keVA21DPBc

More history made at second amateur radio call
http://amsat-uk.org/2016/02/12/more-history-made-at-second-amateur-radio-call/

ISS HamTV used for school contact
http://amsat-uk.org/2016/02/12/iss-hamtv-used-for-school-contact/

73 Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

9954. Full video of Tim Peake contact with RMS released

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-02-12 16:52:14 UTC
From: M5AKA
Topic: 9954 Message: 9954

ARISS UK release 77 minute video of Tim Peake GB1SS and Royal Masonic School for Girls GB1RMS amateur radio contact event
http://amsat-uk.org/2016/02/12/ariss-uk-release-full-video-of-tim-peake-and-rms-contact/

Southampton University students receive Tim Peake
http://amsat-uk.org/2016/02/12/southampton-university-students-receive-tim-peake/

Video of Tim Peake's first Digital Amateur Television (DATV) HamTV ARISS contact as received direct by Colin Watts G4KLB in Bournemouth
https://www.youtube.com/watch?v=9keVA21DPBc

73 Trevor M5AKA----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9955. Videos: ARISS and Nayif-1 Clean Room + Uni Malta satellite

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-02-23 22:26:21 UTC
From: M5AKA
Topic: 9955 Message: 9955

Video of Tim Peake and Oasis Academy contact
http://amsat-uk.org/2016/02/23/video-tim-peake-oasis-brightstowe/

UK and Malta University Satellite Collaboration
http://amsat-uk.org/2016/02/23/uk-and-malta-university-satellite/

Video: Inside a Satellite Clean Room (with Nayif-1 linear transponder satellite)
http://amsat-uk.org/2016/02/22/inside-a-satellite-clean-room/

ARISS contact planned for school in Norwich, UK February 26
http://amsat-uk.org/2016/02/21/tim-peake-city-of-norwich-school/

TV News coverage of Oasis Brightstowe students contact with Tim Peake
http://amsat-uk.org/2016/02/19/oasis-brightstowe-students-talk-to-tim-peake/

Norwich School Ground Control Day
http://amsat-uk.org/2016/02/15/norwich-school-ground-control-day/

73 Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

9956. New release (4.31) of MULTIPSK (ORBCOMM and satellites tracking)

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-02-25 21:06:05 UTC
From: Patrick Lindecker
Topic: 9956 Message: 9956

New release (4.31) of MULTIPSK

Pour les francophones: la version en français de ce message se trouve sur mon site (http://f6cte.free.fr). Il suffit de cliquer sur le lien "Principales modifications (courriel avertissant de la sortie de la nouvelle version)".

Hello to all Ham and SWL,

The new release of MultiPSK (4.31) and Clock (1.10.3) are on my Web site (http://f6cte.free.fr).
The mirror site is Earl's, N8KBR: http://www.eqth.info/multipsk/ (click on "United States Download Site").

Multipsk associated to Clock are freeware programs but with functions submitted to a licence (by user key).

The main improvements of MULTIPSK 4.31 are the following:

1) New mode ORBCOMM (RX)

This system has been developed by the ORBCOMM society which disposes of a constellation of about 37 active LEO ("Low Earth Orbit") satellites, transmitting between 137.2 and 137.8 MHz (+/- 2.5 KHz maximum of Doppler shift).

This system permits:

· to handle messages (encrypted) from ground users (ships, trucks, oil wells...) until other ground users, through the ORBCOMM satellites, the cover being worldwide. These frames are decoded by Multipsk but not deciphered,

· to broadcast identification, frequencies, position and orbital elements pieces of information, not encrypted. These frames are decoded and interpreted by Multipsk.

This mode is available for licencied copies, only (otherwise, the decoding is stopped after 5 minutes).

See general specifications further on.

2) Automatic satellites tracking ("Satellites" button)

The operator has the possibility to automatically track a satellite in position and in frequency (in frequency, if the receiver is under control by Multipsk, possibly via Commander, or directly if the RX is a Funcube or a RTL/SDR key).).

From the "TLE" satellites data files, it will be determinated the satellite position and its frequency during its pass, taking into account the Doppler shift. With this frequency, the receiver will be automatically controlled (in "Transceiver").

The global control may be summarized according to the following diagram:

Satellites data (TLE files)-->Multipsk-->Receiver frequency control

2) Others

· Addition of the Contestia 64-1K sub-mode.

· General use of "Arial" font, instead of "Ms sans Serif", to better manage graphic formats other than 96 pixels per inch.

Note about translation of Multipsk.exe and Clock .exe: the 4.30 version of Multipsk has been completly translated to Spanish by Joachin (EA4ZB), from French. The translation file is on my Web site (http://f6cte.free.fr/Translation_files.htm).

73

Patrick

Description of the Orbcomm mode

For Hams and SWL, a signal (transmitted in your area) can be received:

· either from the discriminator output of a classical VHF FM receiver via a direct connection to the PC sound card,

· or, possibly, from the VHF FM receiver speaker through a simple direct connection to the PC sound card,

· or with a SdR receiver (FunCube Dongle, RTL SDR,...) and directly demodulated (in FM) by Multipsk.

Baud rate: 4800 symbols/second.

Modulation : SDPSK (Symmetrical Differential Phase Shift Keying), i.e. a "0" is transmitted with a -90° shift of the carrier phase whereas the "1" is transmitted with a 90° shift. The transmission could be demodulated in PSK, but it is more simple (the minimum Signal to Noise ratio not being so good) to demodulate in FM. This because in PSK, the carrier phase must be followed and locked whereas in FM it is not necessary (the baseband signal is directly supplied).

Reception mode: FM

Shape of pulse : Root Raised Cosine (Alpha=0.4) to limit spectral occupancy.

Bandwidth : 2.5 KHz

Demodulation : non coherent (in FM)

Bit synchronization : automatic using the signal

Data synchronization : a suite of 12 specific bytes.

Correction code: no, but a Fletcher checksum permits to validate each packet of 12 or 24 bytes

Convolution code: no

Interleaving : no

Scrambling: no

Lowest S/N: about +11 dB,

The ORBCOMM satellites transmit identification, frequencies, position and orbital elements pieces of information, not encrypted. These frames are decoded and interpreted by Multipsk. Messages frames are decoded by Multipsk but not deciphered.

ORBCOMM satellites decoding is based on the following document: http://mdkenny.customer.netspace.net.au/Orbcomm.pdf (thanks to Mike Kenny).

9957. FunCube with NaP3 help

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-02-27 17:08:21 UTC
From: Richard Lawn
Topic: 9957 Message: 9957

I've been struggling to get the FunCube DOngle Pro+ to work as it should with NaP3 and my K3. NaP3 works fine with the KX3 and the DOngle seems to work fine with HDSDR, or it did until recently. Now when I try to configure NaP3 I get an "AudioPort error: Unanticipated host error" message. When I run the FunCube DonglePro+ Control v2.002 everything looks fine so I suspect there is some issue with the way I have the sound controls set up on the HP laptop.

I'd appreciate any thoughts on what I may be doing wrong.

Rick, W2JAZ

9958. Re: FunCube with NaP3 help

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-02-28 13:47:06 UTC
From: Richard Lawn
Topic: 9957 Message: 9958

Update: I got it to work but it locks up after a short time of use. It often crashes the computer and causes the blue screen and warning text. I suspect it may be the keyspan USB to serial adapter I'm using from the K3 to the computer as I've heard the FTDI chipset adapters are more stable.
Any thoughts?
Rick, W2JAZ

--
Sent from Gmail Mobile

9959. FUNcube-1 Mode switched

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-02-28 20:52:41 UTC
From: Graham Shirville
Topic: 9959 Message: 9959

Hi All,

Just to confirm that FUNcube-1 is now operating in Autonomous mode and will be switched back to Amateur Mode next Friday evening as usual.

Good luck to everyone doing school demonstrations this week

73

Graham
G3VZV

9960. SSTV CubeSat deploys Mar 7 + Goonhilly Video

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-03-03 16:59:00 UTC
From: M5AKA
Topic: 9960 Message: 9960

School SSTV CubeSat to deploy from ISS March 7
http://amsat-uk.org/2016/03/03/school-sstv-cubesat-to-deploy-from-iss/

Video of Tim Peake and Norwich School contact
http://amsat-uk.org/2016/03/03/tim-peake-norwich-school-video/

ARISS contact planned for school in Mid Wales, UK , March 5
http://amsat-uk.org/2016/03/01/ariss-contact-planned-for-school-in-mid-wales-uk/

ARISS HamTV at Goonhilly in TX Factor Show
http://amsat-uk.org/2016/02/27/hamtv-at-goonhilly-in-tx-factor-show/

News reports of Norwich school amateur radio contact with Tim Peake
http://amsat-uk.org/2016/02/26/news-reports-norwich-school-tim-peake/

73 Trevor M5AKA

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Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9961. Re : Help for IQ 17 Bit Baseband

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-03-06 13:07:05 UTC
From: srini_indt@...
Topic: 9961 Message: 9961

HI ,

I have captured one signal using SDR# and it has 16 BIT Baseband PCM.
I have tried various resources but have problem with this signal.

Anyone can help to analyst or decode the signal.

MEGA https://mega.nz/#!a8VkWCJB!ph_OvNR64BQnJ-o5fGotkio_SHld5uV-WjpHbWaDwb0

9962. Re: [FUNcube] Re : Help for IQ 17 Bit Baseband

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-03-06 15:49:12 UTC
From: Stefan Georgi
Topic: 9961 Message: 9962

Hello,
can you use WeTransfer for the file, please.
I do not wish to downloas another transfer program.
What is your name?
Thanks,
Stefan
06-Mar

On 06-Mar-16 14:07, srini_indt@... [FUNcube] wrote:
>
> HI ,
>
>
> I have captured one signal using SDR# and it has 16 BIT Baseband PCM.
>
> I have tried various resources but have problem with this signal.
>
>
> Anyone can help to analyst or decode the signal.
>
>
> MEGA
> <https://mega.nz/#%21a8VkWCJB%21ph_OvNR64BQnJ-o5fGotkio_SHld5uV-WjpHbWaDwb0>
>
>
>

9963. RE: [FUNcube] Re : Help for IQ 17 Bit Baseband

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-03-07 03:14:47 UTC
From: Srinivasan
Topic: 9961 Message: 9963

Hi There,

Thanks.

This mega file server is NZ based is really good you can download the file.

The file is really big to upload again.

Here is again the link :

https://mega.nz/#!a8VkWCJB!ph_OvNR64BQnJ-o5fGotkio_SHld5uV-WjpHbWaDwb0

Regards

Srini

From: FUNcube@yahoogroups.co.uk [mailto:FUNcube@...]
Sent: Sunday, 6 March 2016 11:49 PM
To: FUNcube@...
Subject: Re: [FUNcube] Re : Help for IQ 17 Bit Baseband

Hello,
can you use WeTransfer for the file, please.
I do not wish to downloas another transfer program.
What is your name?
Thanks,
Stefan
06-Mar

On 06-Mar-16 14:07, srini_indt@... [FUNcube] wrote:

HI ,

I have captured one signal using SDR# and it has 16 BIT Baseband PCM.

I have tried various resources but have problem with this signal.

Anyone can help to analyst or decode the signal.

MEGA <https://mega.nz/#%21a8VkWCJB%21ph_OvNR64BQnJ-o5fGotkio_SHld5uV-WjpHbWaDwb0>

9965. Problem with FCDPP

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-03-09 21:04:41 UTC
From: vimone@...
Topic: 9965 Message: 9965

Hello to the list,
i am having problem to let my FCDPP work on my PC.
I have used till a couple of days ago with SDRSharp but not i cannot let it work anymore.Everytime i try to play it does not work i cannot hear anything and also i do not see anything on the spectrum.
I have tried tou delete the drivers fron the device managerand noe i cannot install it any more.
Whewn i plug it into tyhe USB port if i go to Device manager, i can see under the speakers section the FunCube Dongle V2.0 but it has a Yellow Triangle with a black Esclamation pointt in the miiddle.
Please how to fix everything?
Also is there any chance to test if the FCDPP is dameged?
Any help will be really appreciated.
73's de Enzo IK8OZV

9966. Re: [FUNcube] Problem with FCDPP

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-03-10 20:33:01 UTC
From: Ed K9EK
Topic: 9965 Message: 9966

Enzo:
I had exactly the same problem last year. To fix, try switching to a different USB port. Here is what I figure caused my FCDPP to stop working: It worked fine for months, then stopped working. I realized the only thing different was that I had installed an RTL-SDR module. In order to get the RTL to work with SDR♯, you have to install Zadig, which is included with the distribution. Zadig configures a specific port for the RTL-SDR. It worked well, but afterwards, the FCD would no longer work in that particular USB port! I tried to uninstall Zadig, but could not do so. A web search found that the developer of Zadig had not made an uninstall utility and there is no easy way to uninstall it. He said any good programmer should be able to figure it out. I am not a programmer. So I used the RTL-SDR in the same port (and never any other) and the FCD in another port. Now both work, but I have not used them in the computer at the same time.
Also, I have found that the FCDPP does not always work in every USB port. Keep trying different ports.
Hope this helps.
73
Ed K9EK

----- Original Message -----

From: "vimone@... [FUNcube]" <FUNcube@...>
To: FUNcube@yahoogroups.co.uk
Sent: Wednesday, March 9, 2016 4:04:41 PM
Subject: [FUNcube] Problem with FCDPP

Hello to the list,

i am having problem to let my FCDPP work on my PC.

I have used till a couple of days ago with SDRSharp but not i cannot let it work anymore.Everytime i try to play it does not work i cannot hear anything and also i do not see anything on the spectrum.

I have tried tou delete the drivers fron the device managerand noe i cannot install it any more.

Whewn i plug it into tyhe USB port if i go to Device manager, i can see under the speakers section the FunCube Dongle V2.0 but it has a Yellow Triangle with a black Esclamation pointt in the miiddle.

Please how to fix everything?

Also is there any chance to test if the FCDPP is dameged?

Any help will be really appreciated.

73's de Enzo IK8OZV

9967. Tim Peake talks about Amateur Radio on the ISS

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-03-11 21:09:15 UTC
From: M5AKA
Topic: 9967 Message: 9967

Tim Peake talks about Amateur Radio on the ISS
http://amsat-uk.org/2016/03/11/tim-peake-talks-about-amateur-radio-on-the-iss/

Get press publicity by receiving ISS school contacts
http://amsat-uk.org/2016/03/10/press-publicity-receiving-iss/

Video of Tim Peake and Powys Combined Schools contact
http://amsat-uk.org/2016/03/07/tim-peake-powys-schools-video/

Deployment of STMSat-1 SSTV CubeSat postponed
http://amsat-uk.org/2016/03/03/school-sstv-cubesat-to-deploy-from-iss/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9968. FUNcube-1 operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-03-13 22:00:55 UTC
From: Graham Shirville
Topic: 9778 Message: 9968

Hi All,

Just to report that FC1 is now operating in its autonmous switching mode and should remain so until Friday even (UTC time)

73

Graham
G3VZV

9969. FUNcube transponder on EO-79 active + LimeSDR

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-03-25 13:22:39 UTC
From: M5AKA
Topic: 9969 Message: 9969

FUNcube transponder on EO-79 active
http://amsat-uk.org/2016/03/25/eo-79-funcube-transponder/

UK student balloon flies around the world
http://amsat-uk.org/2016/03/21/uk-student-balloon-flies-around-world/

Otley school to talk to ISS
http://amsat-uk.org/2016/03/17/otley-school-to-talk-to-iss/

Listen for ISS with Raspberry Pi 3 and LimeSDR
http://amsat-uk.org/2016/03/14/listen-iss-raspberry-pi-3-limesdr/

73 Trevor M5AKA----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

9970. FUNcube-1 transponder now continuously active

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-03-25 19:17:49 UTC
From: Graham Shirville
Topic: 9970 Message: 9970

Hi All,

FC1 is now in continuous transponder mode for the holiday period. Normal autonomous operation will recommence from late MONDAY evening.

As reported earlier today, the transponder payload on EO-79 has also been switched on and, so long as the on board bus voltage stays up above its safe mode setting, then this should also be active.

Have a great FUN weekend and enjoy the birds.

73

Graham
G3VZV

9971. FUNcube-1 mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-03-28 20:08:45 UTC
From: Graham Shirville
Topic: 9971 Message: 9971

Hi All,

FUNcube-1 is now changing mode autonomously (eclipse/sunlight switching) and will do so until Friday evening.

73

Graham
G3VZV

9972. Re: [FUNcube] FUNcube-1 mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-03-28 22:40:31 UTC
From: G4BIP
Topic: 9971 Message: 9972

Hi Graham

Yes I noted the spectacular increase in the telemetry signal strength on the mode change this evening!

A quick question – assuming you are one of the command stations...

Is this a manual duty you have to perform every week or have you a fully automated system?

Cheers 73
Brian

From: mailto:FUNcube@yahoogroups.co.uk
Sent: Monday, March 28, 2016 9:08 PM
To: funcube@yahoogroups.co.uk ; AMSAT BB
Subject: [FUNcube] FUNcube-1 mode

Hi All,

FUNcube-1 is now changing mode autonomously (eclipse/sunlight switching) and will do so until Friday evening.

73

Graham
G3VZV

9973. My first test SDR Console V3 preview

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-01 17:06:53 UTC
From: g.bernardini@...
Topic: 9973 Message: 9973

Here a post with some images of my first test of SDR Console V3 preview software. With some SDR receivers, FCP+ too

Ciao, Giampiero

AIR - RADIORAMA: SDR Console V3 software. Prime prove con la preview
http://air-radiorama.blogspot.it/2016/04/sdr-console-v3-software-prime-prove-con.html

http://air-radiorama.blogspot.it/2016/04/sdr-console-v3-software-prime-prove-con.html

AIR - RADIORAMA: SDR Console V3 software. Prime pro...
http://air-radiorama.blogspot.it/2016/04/sdr-console-v3-software-prime-prove-con.html Elad S2: invece dei suoi soliti 4 VFO eccone 9 in uso. Ma possono essere di più Ho provato la preview del software SDR Console V3, futuro erede del V2. E' stata re...

View on air-radiorama.blogspot.it
http://air-radiorama.blogspot.it/2016/04/sdr-console-v3-software-prime-prove-con.html
Preview by Yahoo

Giampiero Bernardini Milano, Italia

9974. FUNcube-1 Mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-02 10:47:13 UTC
From: Graham Shirville
Topic: 9745 Message: 9974

Hi All,

Just to report that FUNcube-1 is now in amateur mode for the rest of the weekend. Transponder and low power tlm as usual.

In view of the late mode change this morning we will leave her in this mode until Monday morning

73
Graham
G3VZV

9975. FUNcube-1 Mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-04 09:55:23 UTC
From: Graham Shirville
Topic: 9745 Message: 9975

Hi All,

FUNcube-1 is now switching between education and amateur modes autonomously and is planned to do so until Friday evening (UTC)

thanks

Graham
G3VZV

9976. JAISAT-1 linear transponder CubeSat + SSTV + D-STAR Satellite launch

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-10 08:03:23 UTC
From: M5AKA
Topic: 9976 Message: 9976

JAISAT-1 linear transponder CubeSat update in RAST April Meeting Report
https://amsat-uk.org/2016/04/09/rast-april-meeting-report/

ISS Slow Scan TV transmissions on 145.800 MHz FM in April
https://amsat-uk.org/2016/04/09/iss-sstv-april/

Elementary School SSTV CubeSat to deploy from ISS in mid-May
https://amsat-uk.org/2016/03/03/school-sstv-cubesat-to-deploy-from-iss/

UK Space Agency say Ham Radio in Top 10
https://amsat-uk.org/2016/04/07/uk-space-agency-ham-radio-in-top-10/

The Derby High School to speak to ISS
https://amsat-uk.org/2016/04/03/derby-high-tim-peake/

EngineerIT magazine article on quest for amateur Geostationary satellite payloads
https://amsat-uk.org/2016/04/07/geostationary-ham-radio-satellites/

D-STAR transponder satellite to launch from Kourou April 22
https://amsat-uk.org/2016/04/05/d-star-satellite-to-launch-from-kourou/

73 Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

9978. ADSB

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-10 11:12:02 UTC
From: f5tiger64@...
Topic: 9978 Message: 9978

Hi everybody
I want to receive the ADSB transponders with my FCD Pro 1.1
and a software like ADBScope.
Can you tell me where I can find a tutorial about this?
Thank you.
F5T

9979. Re: [FUNcube] ADSB

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-10 13:20:13 UTC
From: Alan
Topic: 9978 Message: 9979

Original Message -----
Subject: [FUNcube] ADSB

> > I want to receive the ADSB transponders with my FCD Pro 1.1
> and a software like ADBScope.
> Can you tell me where I can find a tutorial about this?

Sorry, use a RTL. All instructions linked from that site.
The wide bandwidth is not possible for a FCD dongle.

73 Alan G4ZFQ

9980. FUNcube-1

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-10 21:14:26 UTC
From: Graham Shirville
Topic: 9722 Message: 9980

Hi All,

FUNcube-1 is now changing mode autonomously again. In sunlight – Educational Mode and in eclipse – Amateur mode.

The FUNcube operations team really appreciates the telemetry that we continue to receive from stations around the globe. This data is proving invaluable in helping us understand exactly what the status is of all the on board systems and we are very grateful for everyone’s support.

If you have the opportunity to leave a receiver running on the 145.935MHz nominal downlink frequency with FUNcube Dashboard running we would be very pleased to have the data you receive. Full details of the FUNcube Dashboard and the associated Data Warehouse can be found at the https://funcube.org.uk/ website.

Many thanks and 73

Graham
G3VZV

9981. Need HELP! Experiencing difficulty in tracking satellites

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-13 13:13:01 UTC
From: Sneha Velayudhan
Topic: 9981 Message: 9981

Hi,
I am trying to set up a tracking system to tracking FUNcube. I am using FCD and SDR# with a monopole antenna and LNA. I set up the system and I am able to receive data within the LAB but when I am trying to track the satellite I am not receiving any small bit of the signal. I used the settings given in the working documents on FUNcube website.
Pls help!
Thanks in advance Sneha

9982. Re:: Need HELP! Experiencing difficulty in tracking satellites

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-15 16:12:25 UTC
From: wageners@...
Topic: 9981 Message: 9982

Hi Sneha,

Not sure what you mean with "tracking". Are you planning on using an antenna system with rotor, are you planning on using software that display the position of the satellite, are you planning on doing doppler control etc.? You might need to tell us what you like to do and we will be better able to help you.

73. Stefan VE4NSA

9983. Re: [FUNcube] Re:: Need HELP! Experiencing difficulty in tracking satellites

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-16 04:11:34 UTC
From: Sneha Velayudhan
Topic: 9981 Message: 9983

Hi,
Thank You so much for a response. Yes I can explain what I am trying to do. I am using a fixed antenna (bow tie antenna of 2 dB gain and omnidirectional). Antenna is connected to an LNA (LNA4ALL) with a gain of 23.5 dB. The receiver I am using FCD and software, for tracking I am using orbitron and planning to use SDR# or HDSDR for data reception. I followed the working documents on the FUNcube website for the configuring the software. Using this set up, I received AM modulated signal transmitted within the lab. Pls note that all these set up including the antenna is within the lab and the only visibility is through a window.
There are certain main issues I see while tracking
1. The entire setup including antenna is within the Lab and it reduces the visibility of the satellite for communication.2. On the HDSDR, I am receiving a signal which I feel is terrestrially transmitted as there is no doppler effect and it does not fade off even after the satellite pass. Since it is a lab which has many other equipments such as fiber networks, routers, computers I feel there can be large amount of interference and that is what I am seeing on the HDSDR. 3. Receiver sensitivity, I wonder how to calculate or know what is the receiver sensitivity along with Link margin calculations for Ground station so that we can rule out any possibility of errors. 4. T bias the LNA such that we can reduce the DC power supply to trigger the LNA. This would make the setup more portable in nature.
I am a master's student at Rochester Institute of Technology, Rochester, NY doing MS in Telecommunication Engineering Technology. I currently working on Thesis in wireless communication systems. In my thesis, I intend to track and communicate with satellites in VHF based,collect data and analyse the RF components and work on the noise reduction techniques in VHF band. As a long term goal it would help to include satellite communication as an experiment to provide students hand on experience on wireless systems and connect to satellites in Space.
We are working on the above mentioned issues by conducting a field test by taking the set up outside the building to rule out the possibility of equipment interference. But I have doubts regarding the doppler corrections as well. I request you to kindly suggest me how to go about it.
Thanks in advanceSneha

On Friday, 15 April 2016, 12:12, "wageners@... [FUNcube]" <FUNcube@...> wrote:

  Hi Sneha,
Not sure what you mean with "tracking". Are you planning on using an antenna system with rotor, are you planning on using software that display the position of the satellite, are you planning on doing doppler control etc.? You might need to tell us what you like to do and we will be better able to help you.
73. Stefan VE4NSA

9984. Re: [FUNcube] Re:: Need HELP! Experiencing difficulty in tracking satellites

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-16 05:37:25 UTC
From: Alan
Topic: 9981 Message: 9984

Original Message -----
Subject: Re: [FUNcube] Re:: Need HELP! Experiencing difficulty in tracking satellites

> The entire setup including antenna is within the Lab and it reduces the visibility of the satellite for communication.2.

Sneha,

You are unlikely to succeed with an inside antenna.
It must have line of sight and be away from sources of noise.

Alan

9985. ISS + Satellite Codec2 Transponder

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-18 10:51:58 UTC
From: M5AKA
Topic: 9985 Message: 9985

Listen to Tim Peake on 2m FM Monday, April 18 1456 GMT
https://amsat-uk.org/2016/04/17/listen-to-tim-peake-on-2m-fm/

A video for the FM uplink / Codec2-BPSK Digital Voice downlink repeater satellite expected to be deployed later this year http://v.youku.com/v_show/id_XMTQ4ODA3MDY0MA==.html
Catch the signal of e-st@r-II CubeSat
https://amsat-uk.org/2016/04/16/e-star-ii-cubesat-competition/

Earth to Space via Amateur Radio
https://amsat-uk.org/2016/04/15/earth-to-space-via-amateur-radio/

RSGB amateur radio video – a world of possibilities features Space communications
https://amsat-uk.org/2016/04/15/rsgb-amateur-radio-video-a-world-of-possibilities/

St Richard’s Catholic College Tim Peake ARISS Contact Questions
https://amsat-uk.org/2016/04/12/st-richards-catholic-college-tim-peake/

73 Trevor M5AKA----
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YouTube https://youtube.com/AmsatUK

9986. paUnanticipatedHost Error help

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-21 10:40:58 UTC
From: ea2bri@...
Topic: 9986 Message: 9986

Pleae this error (paUnanticipatedHost Error) win7???
No run aplicatión sdrsharp
Gracias.

9987. Re: [FUNcube] paUnanticipatedHost Error help

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-21 11:25:43 UTC
From: Vincenzo Mone
Topic: 9986 Message: 9987

Check USB connection

Inviato da iPhone

> Il giorno 21 apr 2016, alle ore 12:40, ea2bri@... [FUNcube] <FUNcube@...> ha scritto:
>
> Pleae this error (paUnanticipatedHost Error) win7???
>
> No run aplicatión sdrsharp
>
> Gracias.
>
>
>
>

9988. ESA Edu Office prizes + Small Sat launch Apr 27

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-22 13:40:00 UTC
From: M5AKA
Topic: 9988 Message: 9988

ESA's Education Office to give prize to first three radio amateurs to send recorded signal from either AAUSAT4, E-st@r-II or OUFTI-1
http://www.esa.int/Education/CubeSats_-_Fly_Your_Satellite/Be_the_first_to_catch_a_signal_from_Fly_Your_Satellite!_from_space

D-STAR CubeSat launch 2102 UT Friday, April 22
https://amsat-uk.org/2016/04/05/d-star-satellite-to-launch-from-kourou/

Wellesley House School Tim Peake Contact Saturday, April 23 1210 UT
https://amsat-uk.org/2016/04/11/wellesley-house-tim-peake/
Media coverage for St Richard's Tim Peake ARISS contact
https://amsat-uk.org/2016/04/12/st-richards-catholic-college-tim-peake/

OUFTI-1 Telemetry Decoder App
https://amsat-uk.org/2016/04/20/oufti-1-telemetry-decoder-app/

April 27 at 0201 UT launch planned for AIST-2D Аист-2Д & SamSat-218 and possibly other small satellites http://www.zarya.info/GoForLaunch.php

CADRE CubeSat to deploy from ISS mid-May ?
https://amsat-uk.org/2016/04/21/cadre-cubesat-iss/

73 Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

9989. APRS Harmonization + Tim Peake contact Monday

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-24 11:48:51 UTC
From: M5AKA
Topic: 9989 Message: 9989

IARU-R1: Global APRS Harmonization and Satellite Coordination
https://amsat-uk.org/2016/04/23/iaru-r1-aprs-satellite-coordination/

Derby High School Tim Peake Contact April 25
https://amsat-uk.org/2016/04/24/derby-high-school-tim-peake/

Listen to Tim Peake on 2m FM
https://amsat-uk.org/2016/04/17/listen-to-tim-peake-on-2m-fm/

Press coverage of Wellesley House School Tim Peake contact April 23
https://amsat-uk.org/2016/04/11/wellesley-house-tim-peake/

ESA announce competition for radio hams - CubeSat launch now Sunday April 24 2102 UT
https://amsat-uk.org/2016/04/22/esa-announce-competition-for-radio-hams/

April 27 at 0201 UT launch planned for AIST-2D Аист-2Д & SamSat-218 and possibly other small satellites http://www.zarya.info/GoForLaunch.php

Great new RSGB video, Amateur Radio – a world of possibilities, features Space Communications
https://amsat-uk.org/2016/04/15/rsgb-amateur-radio-video-a-world-of-possibilities/

73 Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

9990. Re: [FUNcube] paUnanticipatedHost Error help

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-25 05:52:17 UTC
From: j.javier Javier javier
Topic: 9986 Message: 9990

Thank you very much , solved .alaragador usb cable with usb Chinese working memory , but not FUNcubeAgain thanks from Pamplona

De: "Vincenzo Mone vimone@... [FUNcube]" <FUNcube@...>
Para: FUNcube@...
Enviado: Jueves 21 de abril de 2016 13:25
Asunto: Re: [FUNcube] paUnanticipatedHost Error help

  Check USB connection

Inviato da iPhone
Il giorno 21 apr 2016, alle ore 12:40, ea2bri@yahoo.es [FUNcube] <FUNcube@...> ha scritto:

  Pleae this error (paUnanticipatedHost Error) win7???No run aplicatión sdrsharpGracias.

9991. FUNcube-1 Weekend operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-29 17:55:58 UTC
From: Graham Shirville
Topic: 9991 Message: 9991

Hi All,

Just to report that FUNcube-1 is now in transponder mode for the weekend as usual – as it is a special weekend here in Europe, she will will stay in this mode exceptionally until Monday evening.

Please enjoy operating through the spacecraft and, if you are able, please keep the telemetry flowing to our Data Warehouse. It is valuable and appreciated.

thanks and 73

Graham
G3VZV

9992. AIST-2D SamSat-218 Freqs + BBC TV Show Click features CubeSats

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-04-30 14:58:50 UTC
From: M5AKA
Topic: 9992 Message: 9992

Frequency information for AIST-2D and SamSat-218 satellites launch April 28
https://amsat-uk.org/2016/04/30/aist-2d-and-samsat-218/

BBC Click TV show features CubeSats. Interviews radio amateur Michael Johnson M0MJJ the developer of Pocket Spacecraft @mySpacecraft who gave a presentation to the AMSAT-UK Colloquium in 2013
There is also an interview with Dr Christine Hollenstein. CubeSat segment starts at 3:40.
Watch the show at http://www.bbc.co.uk/programmes/b079c96x

Solar Powered APRS & 434 MHz Contestia UBSEDS15 around-the-world balloon launched from Bristol
https://amsat-uk.org/2016/04/28/ubseds15-balloon-launch/

Three new CubeSats launched April 25
https://amsat-uk.org/2016/04/26/three-new-cubesats-now-in-orbit/

TV Coverage of Derby High School Tim Peake Contact April 25
https://amsat-uk.org/2016/04/24/derby-high-school-tim-peake/

Ashfield Primary School Tim Peake Contact Thursday, May 5
https://amsat-uk.org/2016/04/26/ashfield-primary-school-tim-peake/

This year's AMSAT-UK Colloquium takes place July 29-31 at the Holiday Inn, Guildford and is open to all
https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

9993. FUNcube-1 -status report

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-02 21:42:57 UTC
From: Graham Shirville
Topic: 9993 Message: 9993

Hi All,

Just to report that FUNcube-1 switched back to autonomous operation at approx 21:39 UTC this evening.

Presently she is in sunlight and therefore transmitting full power telemetry.

We expect to have full time amateur mode again starting on Friday evening (UTC time)
73

Graham
G3VZV

9994. FUNcube-1 Mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-06 21:23:52 UTC
From: Graham Shirville
Topic: 9994 Message: 9994

Hi All,

FUNcube-1 has just switched to continuous amateur mode with the transponder on and with low power tlm for the weekend.

Have fun.

73

Graham
G3VZV

9995. STMSat-1 SSTV CubeSat May 16 + ISS Tomsk-TPU-120 May 10-11

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-10 11:23:41 UTC
From: M5AKA
Topic: 9995 Message: 9995

Tomsk-TPU-120 CubeSat celebrates University anniversary May 10-11 with ISS Relay on 145.800
https://amsat-uk.org/2016/04/30/tomsk-tpu-120-cubesat/

School SSTV CubeSat 437.800 to deploy from ISS May 16 1400-1500 UT
https://amsat-uk.org/2016/03/03/school-sstv-cubesat-to-deploy-from-iss/

BBC TV Spotlight report on The King’s School Tim Peake ARISS Contact
https://amsat-uk.org/2016/05/02/the-kings-school-tim-peake/

UBSEDS15 Solar Powered balloon
https://amsat-uk.org/2016/04/28/ubseds15-balloon-launch/

This year's AMSAT-UK Colloquium takes place July 29-31 at the Holiday Inn, Guildford and is open to all
https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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9996. Re : help to get satellite id from unknown signal

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-10 11:42:21 UTC
From: Srinivasan
Topic: 9995 Message: 9996

Hi There,

I have captured unknown signal and i am looking for satellite id.

Anything you can help ?

The signal can be downloaded at :

https://mega.nz/#!a8VkWCJB!ph_OvNR64BQnJ-o5fGotkio_SHld5uV-WjpHbWaDwb0

Once again, I am looking for help.

Regards

Srinivasan T

9997. May 16 CubeSat Deployment + Ofcom 5 GHz plans

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-17 09:41:50 UTC
From: M5AKA
Topic: 9997 Message: 9997

CubeSats with Amateur Radio payloads deploy from ISS
https://amsat-uk.org/2016/05/16/cubesats-deploy-from-iss/

Ofcom propose using Ham Radio band for Wi-Fi
https://amsat-uk.org/2016/05/13/ofcom-propose-using-ham-radio-band-for-wi-fi/

Schools in mass launch of 434 MHz balloons
https://amsat-uk.org/2016/05/12/schools-in-mass-launch-of-434-mhz-balloons/

25th Anniversary of first Briton in Space Celebration!
Schools' European Astronaut event hosted by Helen Sharman GB1MIR
http://www3.imperial.ac.uk/newsandeventspggrp/imperialcollege/administration/outreach/eventssummary/event_27-4-2016-15-54-16
https://twitter.com/VixenEventsUK

LituanicaSAT-2 the first CubeSat propelled by liquid monopropellant based on ADN
http://n-avionics.com/project-lituanicasat-2

IARU Region 1 VHF-UHF-Microwave newsletter mentions Satellite coordination and attempts to standardize APRS on a common global frequency
http://www.iaru-r1.org/images/VHF/newsletters/Newsletter_69.pdf

This year's AMSAT-UK Colloquium takes place July 29-31 at the Holiday Inn, Guildford and is open to all https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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9998. FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 00:57:43 UTC
From: Jim Sanford
Topic: 9998 Message: 9998

All:

I have corresponded before about my difficulties and received some help, but still have problems. Hoping for some help!

Background:

Long before I ever heard of the FCD, I purchased and used one of those "cheap" RTL dongles -- including the now-dreaded ZADIG, and SDRSharp. I was disappointed in its performance -- deaf as a post, distortion on FM broadcast (difficult to understand on a dongle with enough bandwidth to demodulate video!) and even on narrow-band FM. This thing never worked well enough to move on to weak signal modes, which is where I really want to use it.

Later, I acquired an FCDPro (not Plus!) It worked fine on my laptop -- for a while. Then wouldn't work at all, either no audio in display or audio in display but no apparent ability to control frequency. Gave up on it for many months.

Today, I googled "removing ZADIG" (having heard the horror stories!) None of the procedures worked as advertised, but it appears that I have removed or at least disabled the beast.

One of the sites I read had Howard's instructions on removal and notes that SDRSharp, including that it now natively controls the FCD.

Worked through the procedures (none worked as advertised) and eventually got the FCDPro responding to SDRSharp.

First issue: Wincders identifies it as FunCube Dongle 1.0 -- I thought the Pro was 2.0. Am I missing something?

Even at 192KHz sample rate, FM broadcast audio is distorted. Not a complete surprise, but worse than I'd have expected, given 192K vs a 200K deviation signal.

So, tried a NBFM signal (162.55MHz NOAA weather channel) and it is still distorted. Messed around with the various gains and it is better, but still distorted. No way this thing will succeed on JT65 et al.

Other than the Quick Start Guide that Howard refers to, I found no instructions on setting up and adjusting SDRSharp.

Can anyone point me to better instructions, or shed light on what I'm missing in making this work? (I'm thrilled I escaped the clutches of ZADIG!)

Thanks & 73,

Jim

wb4gcs@...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

9999. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 07:27:26 UTC
From: David J Taylor
Topic: 9998 Message: 9999

All:

I have corresponded before about my difficulties and received some help, but still have problems. Hoping for some help!

Background:

Long before I ever heard of the FCD, I purchased and used one of those "cheap" RTL dongles -- including the now-dreaded ZADIG, and SDRSharp. I was disappointed in its performance -- deaf as a post, distortion on FM broadcast (difficult to understand on a dongle with enough bandwidth to demodulate video!) and even on narrow-band FM. This thing never worked well enough to move on to weak signal modes, which is where I really want to use it.
[]
Thanks & 73,

Jim
wb4gcs@...
==========

Jim,

It might have been helpful to try and resolve those issues first, knowing that the the RTL dongle should at least be able to receive local FM stations at very good quality. Perhaps your PC isn't fast enough either for the data capture from the dongle, or for the processing required for broadcast FM demodulation. DId you play with the sampling rates and RF gains? If lack of processing power is the issue, changing from RTL to FCD isn't going to make any difference. The original FCD does not have enough bandwidth for good quality broadcast FM demodulation which requires 250 kHz at least. The FCD is just 96 KHz.

These devices are not particularly well optimised for weak signal work - the RTL devices in particular have a very wideband front-end and may need a very good filter in you are in an RF-rich environment (e.g. in a city) and you may need a USB extension cable to get the receiver well away from the noise generator which your PC is likely to be!

73,
David GM8ARV
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...
Twitter: @gm8arv

10000. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 07:34:42 UTC
From: Alan
Topic: 9998 Message: 10000

Original Message -----
Subject: [FUNcube] FCDPro troubles

>> Long before I ever heard of the FCD, I purchased and used one of those
> "cheap" RTL dongles -- including the now-dreaded ZADIG, and SDRSharp. I
> was disappointed in its performance -- deaf as a post, distortion on FM
> broadcast (difficult to understand on a dongle with enough bandwidth to
> demodulate video!) and even on narrow-band FM. This thing never worked
> well enough to move on to weak signal modes, which is where I really
> want to use it.
>

Jim,

This does not describe my or other's experience. Maybe yours was faulty or not configured correctly. Use the "Gear" symbol in SDR#
to set gain. But these cheap dongles are good but not the ultimate for weak signals.

>
> Today, I googled "removing ZADIG" (having heard the horror stories!)
> None of the procedures worked as advertised, but it appears that I have
> removed or at least disabled the beast.

There is nothing wrong with Zadig, just that some have used it incorrectly. It's normal function is to install drivers for the RTL
dongle. The horror stories come from those who have been careless.

> First issue: Wincders identifies it as FunCube Dongle 1.0 -- I thought
> the Pro was 2.0. Am I missing something?

Are you sure this is a Pro+?
With a red + on it?

>
> Even at 192KHz sample rate, FM broadcast audio is distorted. Not a
> complete surprise, but worse than I'd have expected, given 192K vs a
> 200K deviation signal.
>

Some slight distortion may be expected with a Pro+ but not severe. But with an older Pro then that IS normal.

> So, tried a NBFM signal (162.55MHz NOAA weather channel) and it is still
> distorted. Messed around with the various gains and it is better, but
> still distorted. No way this thing will succeed on JT65 et al.
>

I cannot comment on NOAA but 2m/70cm NFM should be good.

> Other than the Quick Start Guide that Howard refers to, I found no
> instructions on setting up and adjusting SDRSharp.
>

This group directs you to http://funcubedongle.pbworks.com/w/page/62284042/FrontPage

I do not know of any full up to date instructions
https://sites.google.com/site/g4zfqradio/connecting-soundcard-sdr-to-computer is a
start. Just leave anything you do not understand alone. Default settings, apart from FCD
gain will work well.

> Can anyone point me to better instructions, or shed light on what I'm
> missing in making this work? (I'm thrilled I escaped the clutches of
> ZADIG!)
>

As I say Zadig is GOOD if only used for it's correct purpose. That is NEVER use it to
install a FCD.

73 Alan G4ZFQ

10001. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 13:11:16 UTC
From: Jim Sanford
Topic: 9998 Message: 10001

Alan:

Thanks for the suggestions.

I never tried to use ZADIG on the FCDPro. (Pro, NOT Pro+)

The FCD worked once. Distorted on FM Broadcast (I was using HDSDR at the time) but good on NOAA weather and 2m/70cm. Then it stopped working at all.

At least now it works, and with SDRSharp supporting the HID natively, that will be my program of choice.

I'm running on a 2-year old laptop -- should be plenty fast enough, and it did work once.

One thing I left out, is the audio sounds like something is being overloaded. I adjusted the record (I think) volume way down, and that helped, but still distorted.

Will check out your links.

Thanks & 73,

Jim

wb4gcs@...

On 5/22/2016 3:34 AM, 'Alan' g4zfq@... [FUNcube] wrote:
>
> Original Message -----
> Subject: [FUNcube] FCDPro troubles
>
> >> Long before I ever heard of the FCD, I purchased and used one of those
> > "cheap" RTL dongles -- including the now-dreaded ZADIG, and SDRSharp. I
> > was disappointed in its performance -- deaf as a post, distortion on FM
> > broadcast (difficult to understand on a dongle with enough bandwidth to
> > demodulate video!) and even on narrow-band FM. This thing never worked
> > well enough to move on to weak signal modes, which is where I really
> > want to use it.
> >
>
> Jim,
>
> This does not describe my or other's experience. Maybe yours was
> faulty or not configured correctly. Use the "Gear" symbol in SDR#
> to set gain. But these cheap dongles are good but not the ultimate for
> weak signals.

>
> >
> > > Today, I googled "removing ZADIG" (having heard the horror stories!)
> > > None of the procedures worked as advertised, but it appears that I have
> > > removed or at least disabled the beast.
>
> There is nothing wrong with Zadig, just that some have used it
> incorrectly. It's normal function is to install drivers for the RTL
> dongle. The horror stories come from those who have been careless.
>
> > > First issue: Wincders identifies it as FunCube Dongle 1.0 -- I thought
> > > the Pro was 2.0. Am I missing something?
>
> Are you sure this is a Pro+?
> With a red + on it?
>
> >
> > > Even at 192KHz sample rate, FM broadcast audio is distorted. Not a
> > > complete surprise, but worse than I'd have expected, given 192K vs a
> > > 200K deviation signal.
> >
>
> Some slight distortion may be expected with a Pro+ but not severe. But
> with an older Pro then that IS normal.
>
> > > So, tried a NBFM signal (162.55MHz NOAA weather channel) and it is still
> > > distorted. Messed around with the various gains and it is better, but
> > > still distorted. No way this thing will succeed on JT65 et al.
> > >
> >
> I cannot comment on NOAA but 2m/70cm NFM should be good.
>
> > > Other than the Quick Start Guide that Howard refers to, I found no
> > > instructions on setting up and adjusting SDRSharp.
> > >
> >
> This group directs you to
> http://funcubedongle.pbworks.com/w/page/62284042/FrontPage
>
> I do not know of any full up to date instructions
> https://sites.google.com/site/g4zfqradio/connecting-soundcard-sdr-to-computer
> is a
> start. Just leave anything you do not understand alone. Default
> settings, apart from FCD gain will work well.
>
> > > Can anyone point me to better instructions, or shed light on what I'm
> > > missing in making this work? (I'm thrilled I escaped the clutches of
> > > ZADIG!)
> > >
> >
>

> As I say Zadig is GOOD if only used for it's correct purpose. That is
> NEVER use it to install a FCD.
>
> 73 Alan G4ZFQ
>
>

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https://www.avast.com/antivirus

10002. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 13:29:56 UTC
From: Alan
Topic: 9998 Message: 10002

Original Message -----
Subject: Re: [FUNcube] FCDPro troubles

> (Pro, NOT Pro+)
>

Jim,

You confused me by expecting to see v2.
There are 2 versions.

Version 1 is the old Pro, runs at 96KHZ and will never sound good on broadcast FM. This is the one you have.

Version 2 is the newer (2012??) Pro+ which is the one that runs at 192KHz, has HF and a good range of filters.

73 Alan G4ZFQ

10003. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 14:09:01 UTC
From: john
Topic: 9998 Message: 10003

Is there a way to uninstall/remove ZADIG?

10004. Zadig removal [was: Re: [FUNcube] FCDPro troubles]

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 14:39:48 UTC
From: Robin Gape (FCD)
Topic: 9998 Message: 10004

John, (and possibly quite a few others)

this may be what you are looking for, to remove inadvertent application
of Zadig to such-and-such a device:
https://github.com/pbatard/libwdi/wiki/FAQ#Help_Zadig_replaced_the_driver_for_the_wrong_device_How_do_I_restore_it

HTH,

Robin, G8DQX

On 22/05/16 15:09, john johnmb@... [FUNcube] wrote:
>
>
>
> Is there a way to uninstall/remove ZADIG?
>
>

10005. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 14:52:34 UTC
From: Jim Sanford
Topic: 9998 Message: 10005

Alan:

Thanks, that is good information. Interestingly, it appears to be working at a 19k2 sampling rate. Switched it to 9K6, not much difference, other than the narrower frequency spectrum on the waterfall.

Jim

On 5/22/2016 9:29 AM, 'Alan' g4zfq@... [FUNcube] wrote:
>
>
> Original Message -----
> Subject: Re: [FUNcube] FCDPro troubles
>
> > (Pro, NOT Pro+)
> >
>
> Jim,
>
> You confused me by expecting to see v2.
> There are 2 versions.
>
> Version 1 is the old Pro, runs at 96KHZ and will never sound good on
> broadcast FM. This is the one you have.
>
> Version 2 is the newer (2012??) Pro+ which is the one that runs at
> 192KHz, has HF and a good range of filters.
>
> 73 Alan G4ZFQ
>
>

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10006. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 15:16:24 UTC
From: Siegfried Jackstien
Topic: 9998 Message: 10006

you have a factor 10 times too low :-)

sure it works on 19k2 ... but not on 192k

fcd (old ... nonplus) works with 96 k ... fcdpp (the newer one) works
with 192k

dg9bfc

sigi

Am 22.05.2016 um 14:52 schrieb Jim Sanford wb4gcs@... [FUNcube]:
>
> Alan:
>
> Thanks, that is good information. Interestingly, it appears to be
> working at a 19k2 sampling rate. Switched it to 9K6, not much
> difference, other than the narrower frequency spectrum on the waterfall.
>
> Jim
>
>
>
> On 5/22/2016 9:29 AM, 'Alan' g4zfq@... [FUNcube] wrote:
>>
>>
>> Original Message -----
>> Subject: Re: [FUNcube] FCDPro troubles
>>
>> > (Pro, NOT Pro+)
>> >
>>
>> Jim,
>>
>> You confused me by expecting to see v2.
>> There are 2 versions.
>>
>> Version 1 is the old Pro, runs at 96KHZ and will never sound good on
>> broadcast FM. This is the one you have.
>>
>> Version 2 is the newer (2012??) Pro+ which is the one that runs at
>> 192KHz, has HF and a good range of filters.
>>
>> 73 Alan G4ZFQ
>>
>

>
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email
&utm_content=emailclient&utm_term=icon>
> Virus-free. www.avast.com
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email
&utm_content=emailclient&utm_term=link>
>
>
>

10007. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 15:41:10 UTC
From: Jim Sanford
Topic: 9998 Message: 10007

You're right.

I'm listening to it right now sampling at 192K. Somebody told me the
Pro (not Pro+) only goes to 96k -- not sure why it works, but it is.

Resetting all gains to defaults and putting an outside antenna on it,
I'm now listening to the NOAA radio on 162.55, performing as I would expect.

SO, it appears to now be working, but not sure settings get retained
when I shut down SDRSharp and restart it. Had to "mess with it" to make
it sound OK.

At any event, it now appears that the hardware is working, Zadig is
gone, and my only problem is the operator.

Thanks to all who helped!

Jim

wb4gcs@...

On 5/22/2016 11:16 AM, Siegfried Jackstien
siegfried.jackstien@... [FUNcube] wrote:
>
> you have a factor 10 times too low :-)
>
> sure it works on 19k2 ... but not on 192k
>
> fcd (old ... nonplus) works with 96 k ... fcdpp (the newer one) works
> with 192k
>
> dg9bfc
>
> sigi
>
>
>
> Am 22.05.2016 um 14:52 schrieb Jim Sanford wb4gcs@... [FUNcube]:
>>
>> Alan:
>>
>> Thanks, that is good information. Interestingly, it appears to be
>> working at a 19k2 sampling rate. Switched it to 9K6, not much
>> difference, other than the narrower frequency spectrum on the waterfall.
>>
>> Jim
>>

>>
>>
>> On 5/22/2016 9:29 AM, 'Alan' g4zfq@... [FUNcube] wrote:
>>>
>>>
>>> Original Message -----
>>> Subject: Re: [FUNcube] FCDPro troubles
>>>
>>> > (Pro, NOT Pro+)
>>> >
>>>
>>> Jim,
>>>
>>> You confused me by expecting to see v2.
>>> There are 2 versions.
>>>
>>> Version 1 is the old Pro, runs at 96KHZ and will never sound good on
>>> broadcast FM. This is the one you have.
>>>
>>> Version 2 is the newer (2012??) Pro+ which is the one that runs at
>>> 192KHz, has HF and a good range of filters.
>>>
>>> 73 Alan G4ZFQ
>>>
>>
>>
>> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-emai
l&utm_content=emailclient&utm_term=icon>
>> Virus-free. www.avast.com
>> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-emai
l&utm_content=emailclient&utm_term=link>
>>
>>
>
>

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10008. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 16:06:46 UTC
From: Alan Melia
Topic: 9998 Message: 10008

I may be wrong here but I think there is a misunderstanding about sampling. The original non-plus FCD samples at 96kbpsec, and transfers the I & Q samples to the pc via the USB1.1 port. It is possible that some PC software may re-sample this if it is set to 192kbpsec but there is no increase in reality. You effectively get two duplicated samples for each FCD sample. I believe a problem with the Pro+ was that the USB1.1 (about 400kbpsec) was not really fast enough to handle 192kbpsec data so it needed to use USB2 (??) Howard's idea was to make it easy to use by not using any special drivers in the PC. This unit was designed a cheap VHF receiver for outreach (schools) satellite monitoring. Not for listening to band II :-)) I guess using the resampling might improve the listening experience for wide FM but I have not tried it.

Alan
G3NYK
----- Original Message -----
From: Jim Sanford wb4gcs@... [FUNcube]
To: FUNcube@...
Sent: Sunday, May 22, 2016 4:41 PM
Subject: Re: [FUNcube] FCDPro troubles

You're right.

I'm listening to it right now sampling at 192K. Somebody told me the Pro (not Pro+) only goes to 96k -- not sure why it works, but it is.

Resetting all gains to defaults and putting an outside antenna on it, I'm now listening to the NOAA radio on 162.55, performing as I would expect.

SO, it appears to now be working, but not sure settings get retained when I shut down SDRSharp and restart it. Had to "mess with it" to make it sound OK.

At any event, it now appears that the hardware is working, Zadig is gone, and my only problem is the operator.

Thanks to all who helped!

Jim

wb4gcs@...

On 5/22/2016 11:16 AM, Siegfried Jackstien siegfried.jackstien@... [FUNcube] wrote:

you have a factor 10 times too low :-)

sure it works on 19k2 ... but not on 192k

fcd (old ... nonplus) works with 96 k ... fcdpp (the newer one) works with 192k

dg9bfc

sigi

Am 22.05.2016 um 14:52 schrieb Jim Sanford wb4gcs@... [FUNcube]:

Alan:

Thanks, that is good information. Interestingly, it appears to be working at a 19k2 sampling rate. Switched it to 9K6, not much difference, other than the narrower frequency spectrum on the waterfall.

Jim

On 5/22/2016 9:29 AM, 'Alan' g4zfq@... [FUNcube] wrote:

Original Message -----
Subject: Re: [FUNcube] FCDPro troubles

> (Pro, NOT Pro+)
>

Jim,

You confused me by expecting to see v2.
There are 2 versions.

Version 1 is the old Pro, runs at 96KHZ and will never sound good on broadcast FM. This is the one you have.

Version 2 is the newer (2012??) Pro+ which is the one that runs at 192KHz, has HF and a good range of filters.

73 Alan G4ZFQ

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Virus-free. www.avast.com

10009. Re: Zadig removal [was: Re: [FUNcube] FCDPro troubles]

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 15:47:41 UTC
From: Alan
Topic: 9998 Message: 10009

Original Message -----
Subject: Zadig removal [was: Re: [FUNcube] FCDPro troubles]

> > this may be what you are looking for, to remove inadvertent application
> of Zadig to such-and-such a device:
> https://github.com/pbatard/libwdi/wiki/FAQ#Help_Zadig_replaced_the_driver_for_the_wrong_device_How_do_I_restore_it
>

Robin, John, All,

The best and easiest way might be to use System Restore. That is assuming the error is noticed before all older restore points get
overwritten.
As Robin and that link says you do not uninstall Zadig. It is never installed. You have to remove the results of using it
improperly.

73 Alan G4ZFQ

10010. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 15:52:24 UTC
From: Alan
Topic: 9998 Message: 10010

Original Message -----
Subject: Re: [FUNcube] FCDPro troubles

>> Thanks, that is good information. Interestingly, it appears to be
> working at a 19k2 sampling rate. Switched it to 9K6, not much
> difference, other than the narrower frequency spectrum on the waterfall.
>

Jim,

If you use the SDR program to show the full span (no zoom) what do you see?
The old Pro at 96KHz will show a hump in the middle about 96KHz wide. No signals outside that.
The newer Pro+ at 192KHz will show a level trace possibly with the noise increasing at the ends.

73 Alan G4ZFQ

10011. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 16:16:40 UTC
From: Alan
Topic: 9998 Message: 10011

Original Message -----
Subject: Re: [FUNcube] FCDPro troubles

>. I believe a problem with the Pro+ was that the USB1.1 (about 400kbpsec) was not really fast enough to handle 192kbpsec data so it
>needed to use USB2 (??)

Alan

No they are both USB1. The Pro+ is run at 16 bits output so USB1 can cope. Howard explains this on his FCD pages.

73 Alan G4ZFQ

10012. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 18:44:26 UTC
From: Jim Sanford
Topic: 9998 Message: 10012

I see out to 192Khz; beyond 96Khz there is noise and signals with sinx/x (apparently) response.

Jim

On 5/22/2016 11:52 AM, 'Alan' g4zfq@... [FUNcube] wrote:
>
>
> Original Message -----
> Subject: Re: [FUNcube] FCDPro troubles
>
> >> Thanks, that is good information. Interestingly, it appears to be
> > working at a 19k2 sampling rate. Switched it to 9K6, not much
> > difference, other than the narrower frequency spectrum on the waterfall.
> > >
>
> Jim,
>
> If you use the SDR program to show the full span (no zoom) what do you
> see?
> The old Pro at 96KHz will show a hump in the middle about 96KHz wide.
> No signals outside that.
> The newer Pro+ at 192KHz will show a level trace possibly with the
> noise increasing at the ends.
>
> 73 Alan G4ZFQ
>
>

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https://www.avast.com/antivirus

10013. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 18:39:17 UTC
From: Alan Melia
Topic: 9998 Message: 10013

Thanks Alan, I forgot about that page, still the main thrust was the
re-sampling idea. I guess from some comment that is also why some have
problems with modern PCs, not being too good on USB1 ....I run several
geriatric PCs and haven't spotted these problems :-))
Alan
G3NYK

----- Original Message -----
From: "'Alan' g4zfq@... [FUNcube]" <FUNcube@...>
To: <FUNcube@...>
Sent: Sunday, May 22, 2016 5:16 PM
Subject: Re: [FUNcube] FCDPro troubles

> Original Message -----
> Subject: Re: [FUNcube] FCDPro troubles
>
>
>>. I believe a problem with the Pro+ was that the USB1.1 (about 400kbpsec)
>>was not really fast enough to handle 192kbpsec data so it
>>needed to use USB2 (??)
>
> Alan
>
> No they are both USB1. The Pro+ is run at 16 bits output so USB1 can cope.
> Howard explains this on his FCD pages.
>
> 73 Alan G4ZFQ
>
>
>
> ------------------------------------
> Posted by: "Alan" <g4zfq@...>
> ------------------------------------
>
> All up-to-date FCD information at http://funcubedongle.pbworks.com
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

10014. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 18:56:27 UTC
From: Alan
Topic: 9998 Message: 10014

Original Message -----
Subject: Re: [FUNcube] FCDPro troubles

>I see out to 192Khz; beyond 96Khz there is noise and signals with sinx/x
> (apparently) response.
>

Jim

Not sure what you mean by "sinx/x " but as The other Alan says later versions of Windows may do different things if resampling is
requested.
Most of my SDR is still on XP.....

73 Alan G4ZFQ

10015. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 19:22:07 UTC
From: Jim Sanford
Topic: 9998 Message: 10015

Played with it some more -- seeing "stuff" out beyond 96K, but not
copying anything, so it must be noise.

At any rate, the hardware is working! After not, for way too many months.

Now, to see about buying a pro + ...

73,

Jim

wb4gcs@...

On 5/22/2016 2:56 PM, 'Alan' g4zfq@... [FUNcube] wrote:
>
>
> Original Message -----
> Subject: Re: [FUNcube] FCDPro troubles
>
> >I see out to 192Khz; beyond 96Khz there is noise and signals with sinx/x
> > (apparently) response.
> >
>
> Jim
>
> Not sure what you mean by "sinx/x " but as The other Alan says later
> versions of Windows may do different things if resampling is
> requested.
> Most of my SDR is still on XP.....
>
> 73 Alan G4ZFQ
>
>

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https://www.avast.com/antivirus

10016. Re: Zadig removal [was: Re: [FUNcube] FCDPro troubles]

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-22 21:09:39 UTC
From: john
Topic: 9998 Message: 10016

Alan
This might sound like a dumb question but not being sure whether I
used/installed it improperly ....how would I tell if it's been unwisely
used?

I've never gotten my FCDPP to work correctly yet, but there's a lot of
variables. It would be good to eliminate even one.

John

On 5/22/2016 11:47 AM, 'Alan' g4zfq@... [FUNcube] wrote:
>
>
>
> Original Message -----
> Subject: Zadig removal [was: Re: [FUNcube] FCDPro troubles]
>
>> > this may be what you are looking for, to remove inadvertent application
>> of Zadig to such-and-such a device:
>>
> https://github.com/pbatard/libwdi/wiki/FAQ#Help_Zadig_replaced_the_driver_for_the_wrong_
device_How_do_I_restore_it
>>
>
> Robin, John, All,
>
> The best and easiest way might be to use System Restore. That is
> assuming the error is noticed before all older restore points get
> overwritten.
> As Robin and that link says you do not uninstall Zadig. It is never
> installed. You have to remove the results of using it
> improperly.
>
> 73 Alan G4ZFQ
>
>

--
III

10017. Re: Zadig removal [was: Re: [FUNcube] FCDPro troubles]

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-23 07:19:49 UTC
From: Alan
Topic: 9998 Message: 10017

Original Message -----
Subject: Re: Zadig removal [was: Re: [FUNcube] FCDPro troubles]

> Alan
> This might sound like a dumb question but not being sure whether I
> used/installed it improperly ....how would I tell if it's been unwisely
> used?
>

John,

May I repeat that to avoid any troubles Zadig should never be used when a FCD is plugged in. It has nothing to do with a FCD.

The FCD was designed to be as near "Plug and Play" as Howard could make it. No driver installation is required. Although now
troubles with newer computers regarding lack of proper USB1 support are surfacing.

Cheap SDRs like the RTL introduce computer novices to tools like Zadig which really are tools for experts. Zadig does what it is
told and leaves the user to rectify mistakes.
Windows System Restore is the best way out of a mistake but a novice might not know about that until too late...

The best-known use of Zadig is to apply the driver for the RTL. If the correct instructions are found and carefully followed there
is no problem.
If the wrong USB device is selected then the RTL driver is assigned to that, no questions asked.

Any other device which has had it's driver replaced by using Zadig will not work, remove it reboot and try again. If it does not
work System Restore should be used, otherwise it may involve a lot of driver digging.

In this section https://sites.google.com/site/g4zfqradio/using_the_fcd#Problems are a couple of screenshots showing the Windows
7drivers for the FCD. It's a Pro+ but the Pro is probably similar.
If there are discrepancies, maybe WinUSB appears then it probably means Zadig was incorrectly used.

> I've never gotten my FCDPP to work correctly yet, but there's a lot of
> variables. It would be good to eliminate even one.
>

In what way is it not correct?

73 Alan G4ZFQ

10018. Re: [FUNcube] FCDPro troubles

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-23 17:37:45 UTC
From: Robin Gape (FCD)
Topic: 9998 Message: 10018

Alan,

the *sinc function* (also known as split function) (*sin(x)/x*) is,
effectively, a sampling function for a single sample. One can think of
it as showing, amongst other things, how a nominally instantaneous
sample is spread out in time as an inescapable consequence of sampling
followed by computation.

The sinc function looks like this (taken from
https://commons.wikimedia.org/wiki/File:Sinc_function_%28normalized%29.svg
should there be any problems with the image):

Image of the sinc function

There's a comparatively approachable explanation here:
http://www.dspguide.com/ch11/2.htm
and a much more directly mathematical treatment in wikipedia:
https://en.wikipedia.org/wiki/Sinc_function

Although this may seem a bit heavy, the sinc function is a fundamental
concept in digital filtering, and thus SDR.

HTH,

Robin, G8DQX

On 22/05/16 19:56, 'Alan' g4zfq@... [FUNcube] wrote:
> Not sure what you mean by "sinx/x "

10019. Re: [FUNcube] FCDPro troubles (take 2)

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-23 17:42:43 UTC
From: Robin Gape (FCD)
Topic: 9998 Message: 10019
Attachments: 1 described; binary payloads are missing from this source WARC

Alan,

the *sinc function* (also known as split function) (*sin(x)/x*) is,
effectively, a sampling function for a single sample. One can think of
it as showing, amongst other things, how a nominally instantaneous
sample is spread out in time as an inescapable consequence of sampling
followed by computation.

The sinc function looks like this (taken from
https://commons.wikimedia.org/wiki/File:Sinc_function_%28normalized%29.svg
should there be any problems with the image):

There's a comparatively approachable explanation here:
http://www.dspguide.com/ch11/2.htm
and a much more directly mathematical treatment in wikipedia:
https://en.wikipedia.org/wiki/Sinc_function

Although this may seem a bit heavy, the sinc function is a fundamental
concept in digital filtering, and thus SDR.

HTH,

Robin, G8DQX

On 22/05/16 19:56, 'Alan' g4zfq@... [FUNcube] wrote:
> Not sure what you mean by "sinx/x "

10020. Trans-Atlantic ISS Reflection + Tomsk ISS Video + Linear Transponder

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-25 11:25:33 UTC
From: M5AKA
Topic: 10020 Message: 10020

Amateur FM transponder satellite and text messaging satellite launch from India June 10
https://amsat-uk.org/2016/05/25/amateur-satellite-launch-from-india/

ISS Reflection - GK4LOH received over 3467 km on 144 MHz
https://amsat-uk.org/2016/05/25/gk4loh-iss-3467km-144mhz/

UWE-3 Status Report
https://amsat-uk.org/2016/05/23/uwe-3-status-report-2/

Tomsk-TPU-120 CubeSat - ISS Video
https://amsat-uk.org/2016/05/23/tomsk-tpu-120-cubesat-video/

Es'Hail-2 Geostationary P4-A Transponder Frequencies
https://amsat-uk.org/2016/05/21/eshail-2-geo-p4a-transponder-freqs/

25th anniversary of first UK astronaut
https://amsat-uk.org/2016/05/19/25th-anniversary-of-first-uk-astronaut/

ÑUSAT-1 SSB/CW Transponder Satellite - May 30
https://amsat-uk.org/2016/05/17/nusat-1-ssb-cubesat/

This year's AMSAT-UK Colloquium takes place July 29-31 at the Holiday Inn, Guildford and is open to all https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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10021. ESA announce competition winners + Indian sat Launch

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-27 16:14:49 UTC
From: M5AKA
Topic: 10021 Message: 10021

ESA has announced the winners of the competition to receive the CubeSats launched April 25
https://amsat-uk.org/2016/05/27/esa-radio-ham-winners/

Amateur satellite launch from India
https://amsat-uk.org/2016/05/25/amateur-satellite-launch-from-india/

VHF, UHF and Microwave Handbook available for download
https://amsat-uk.org/2016/05/27/vhf-handbook/

73 Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

10022. OSCAR News Released + School Sat Project + ESA announce winning amateurs

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-05-31 14:52:49 UTC
From: M5AKA
Topic: 10022 Message: 10022

Issue 214 of AMSAT-UK amateur radio satellite publication OSCAR News is now available for members to download
https://amsat-uk.org/2016/05/31/oscar-news-issue-214/

ARISS school contacts explained on radio show
https://amsat-uk.org/2016/05/30/ariss-local-radio/

ARISS contact in The Observer newspaper
https://amsat-uk.org/2016/05/30/ariss-contact-observer/

Robertsville Middle School CubeSat Project
https://amsat-uk.org/2016/05/29/robertsville-middle-school-cubesat/

Successful launch for SSB/CW transponder satellite ÑUSAT-1
https://amsat-uk.org/2016/05/17/nusat-1-ssb-cubesat/

ESA Announces Winning Radio Amateurs
https://amsat-uk.org/2016/05/27/esa-radio-ham-winners/

This year's AMSAT-UK Colloquium takes place July 29-31 at the Holiday Inn, Guildford and is open to all https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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10023. TX Factor Show features The King's School ARISS contact

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-06-07 10:49:23 UTC
From: M5AKA
Topic: 10023 Message: 10023

A special edition of the popular TX Factor Show features The King’s School ARISS contact with Tim Peake GB1SS. Watch the video at
https://amsat-uk.org/2016/06/07/tx-factor-kings-school-iss/

French schools to talk to ISS
https://amsat-uk.org/2016/06/04/french-schools-thomas-pesquet/

OSCAR News Issue 214
https://amsat-uk.org/2016/05/31/oscar-news-issue-214/

ARISS school contacts explained on radio show
https://amsat-uk.org/2016/05/30/ariss-local-radio/

This year's AMSAT-UK Colloquium takes place July 29-31 at the Holiday Inn, Guildford and is open to all https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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10024. ISS SSTV 145.800 FM June 9-10

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-06-09 18:40:27 UTC
From: M5AKA
Topic: 10024 Message: 10024

The amateur radio station in the Russian Service Module of the International Space Station should be transmitting SSTV on 145.800 MHz FM during Thursday/Friday June 9-10

Hints on receiving SSTV from the ISS are at https://amsat-uk.org/beginners/iss-sstv/

A special edition of the popular TX Factor Show features The King’s School ARISS contact with Tim Peake GB1SS. Watch the video at
https://amsat-uk.org/2016/06/07/tx-factor-kings-school-iss/

Australian radio ham helps schools link to ISS
https://amsat-uk.org/2016/06/07/australian-radio-ham-helps-schools-link-to-iss/

This year's AMSAT-UK Colloquium takes place July 29-31 at the Holiday Inn, Guildford and is open to all https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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10025. FUNcube-1 weekend operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-06-17 18:46:58 UTC
From: Graham Shirville
Topic: 10025 Message: 10025

Hi all,

Just report that FUNcube-1 now has the transponder continuously operational for the weekend.

73

Graham
G3VZV

10026. News report says PSLV-34 launch June 22 + UKube-1 Transponder Active

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-06-18 19:14:15 UTC
From: M5AKA
Topic: 10026 Message: 10026

Data modes on ham radio satellites
https://amsat-uk.org/2016/06/17/data-modes-on-ham-radio-satellites/

Amateur Radio – A golden age of opportunity - features ARISS
https://amsat-uk.org/2016/06/14/ham-radio-golden-age/

MAI-75 ISS SSTV Video
https://amsat-uk.org/2016/06/13/mai-75-iss-sstv-video/

GB1SS: schools speaking to Tim Peake
https://amsat-uk.org/2016/06/13/gb1ss-schools-speaking-to-tim-peake/

Newspaper: ISRO PSLV-C34 will Launch 20 Satellites from Space Centre at Andhra Pradesh June 22 http://www.newsgram.com/in-a-single-mission-on-june-22-isro-will-launch-20-satellites-from-space-centre-at-andhra-pradesh/

ISRO PSLV-C34 launch frequencies
https://amsat-uk.org/2016/05/25/amateur-satellite-launch-from-india/

UKube-1 SSB/CW transponder has been active the last few days
https://amsat-uk.org/satellites/communications/ukube-1/

This year's AMSAT-UK Colloquium takes place July 29-31 at the Holiday Inn, Guildford and is open to all https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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10027. Phase-4A Geo Transponder Video and PDF Leaflet

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-06-24 10:19:36 UTC
From: M5AKA
Topic: 10027 Message: 10027

Phase-4A Geostationary Amateur Radio Transponder Video and new transponder leaflet available at https://amsat-uk.org/2016/06/24/phase-4a-transponder-video/

India launches ham radio satellites
https://amsat-uk.org/2016/06/22/india-launches-ham-radio-satellites/

Amateur Satellites at Skills Night
https://amsat-uk.org/2016/06/21/amateur-satellites-skills-night/

AMSAT-UK Colloquium – Final Call for Speakers
https://amsat-uk.org/2016/06/21/colloquium-final-call-for-speakers/

K1D to Operate Satellites on Field Day
https://amsat-uk.org/2016/06/19/k1d-to-operate-satellites-on-field-day/

This year's AMSAT-UK Colloquium takes place July 29-31 at the Holiday Inn, Guildford and is open to all https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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10028. FUNcube-1 weekend operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-06-24 17:50:17 UTC
From: Graham Shirville
Topic: 10025 Message: 10028

Hi All,

I am pleased to confirm that FUNcube-1 is now operating in continuous amateur mode with the transponder active for the weekend. It is available for everyone to use!

73

Graham
G3VZV

10029. FUNcube-1

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-06-26 20:01:33 UTC
From: Graham Shirville
Topic: 9722 Message: 10029

Hi All,

Just to confirm that FC1 is now back in autonomous mode for the week. If the spacecraft is in sunlight then you have high power telemetry. If it is in eclipse then low power telemetry and the transponder are available.

73

Graham
G3VZV

10030. Nayif-1 CubeSat (FUNcube-5 transponder) article and video

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-06-28 13:15:45 UTC
From: M5AKA
Topic: 10030 Message: 10030

Nayif-1 article appeared in UAE The National and a video of the insertion of the CubeSat into the QuadPack deployer has been released. Nayif-1 carries 435/145 MHz FUNcube-5 linear transponder
https://amsat-uk.org/2016/06/28/uae-satellite-will-have-amateur-radio-transponder/

UK radio amateurs help students reach for the sky
https://amsat-uk.org/2016/06/28/radio-amateurs-help-students/

2016 edition of Getting Started with Amateur Satellites available from AMSAT-UK shop
https://amsat-uk.org/2016/06/27/getting-started-with-amateur-satellites-2016/

Phase-4A Geostationary Transponders leaflet and video of ground-based LEILA 2 Transponder
https://amsat-uk.org/2016/06/24/phase-4a-geostationary-transponders/

Don't miss out on this year's AMSAT-UK Colloquium which takes place July 29-31 at the Holiday Inn, Guildford and is open to all
https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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10031. Book now for Guildford Colloquium and tour of SSTL satellite facilities

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-04 11:32:57 UTC
From: M5AKA
Topic: 10031 Message: 10031

The AMSAT-UK International Space colloquium takes place July 29-31 at the Holiday Inn, Guildford, the event is open to all.

In addition to presentation on the FUNcube transponders they'll also be talks on the Es'hail Geostationary amateur radio transponders and a new 76 GHz amateur satellite project.

AMSAT-UK International Space Colloquium 2016
https://amsat-uk.org/2016/06/30/amsat-uk-international-space-colloquium-2016/

Registration Needed for SSTL Kepler tour
https://amsat-uk.org/2016/07/03/registration-sstl-kepler-visit/

73 Trevor M5AKA

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10032. FUNcube-1 weekend mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-08 19:05:05 UTC
From: Graham Shirville
Topic: 10032 Message: 10032

Hi All,

The FUNcube-1 transponder is now ON for the weekend

73

Graham
G3VZV

10033. LilacSat-2 Linear Transponder + Colloquium

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-10 14:31:27 UTC
From: M5AKA
Topic: 10033 Message: 10033

BG2BHC @bg2bhc Tweeted that the 40 kHz wide Linear Transponder on LilacSat-2 is now active. Centre freqs 144.3625 to 437.200 MHz +/- 20 kHz
https://twitter.com/bg2bhc/status/752082736798588928

SmallSats and the UK satellite company Clyde Space features in July issue of SatMagazine. Download PDF from
http://www.satmagazine.com/

Elk Dual-Band 2m/70cm antennas are available from the AMSAT-UK shop at
http://shop.amsat-uk.org/ELK_2m70cms_Log_Periodic_Antenna/p3815740_15628555.aspx

UK Space Agency's Libby Jackson will be after-dinner speaker at AMSAT-UK Colloquium, Guildford
https://amsat-uk.org/2016/06/30/amsat-uk-international-space-colloquium-2016/

Registration required for tour of SSTL Satellite Facilities
https://amsat-uk.org/2016/07/03/registration-sstl-kepler-visit/

This year's AMSAT-UK Colloquium takes place July 29-31 at the Holiday Inn, Guildford and is open to all https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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10034. ARISS: Radio amateurs invited to UK Prime Minister's official residence

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-19 00:31:17 UTC
From: M5AKA
Topic: 10034 Message: 10034

ARISS School Contacts: Radio amateurs invited to UK Prime Minister's official residence 10 Downing Street
https://amsat-uk.org/2016/07/18/radio-amateurs-10-downing-street/

Ofcom propose using Ham Radio band for Wi-Fi - consultation deadline July 22
https://amsat-uk.org/2016/05/13/ofcom-propose-using-ham-radio-band-for-wi-fi/

RSGB Board Chair to address AMSAT-UK Colloquium
https://amsat-uk.org/2016/07/13/rsgb-chair-to-address-amsat-uk-colloquium/

AMSAT-UK International Space Colloquium Guildford July 29-31, 2016 - Book Now - All Welcome
https://amsat-uk.org/2016/06/30/amsat-uk-international-space-colloquium-2016/

73 Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

10035. Need help with telemetry

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-20 15:21:13 UTC
From: kf7dur@...
Topic: 10035 Message: 10035

Hello Group,

I'm a new member and I'm having trouble receiving telemetry from the FUNcube sats. I'm using a FT-857 with a Signalink sound card. I'm controlling my G5500 rotor and correcting for doppler with SatPC32. I'm running Funcube-1 dashboard on my PC. During a pass I never hear telemetry from any of the XW-2 birds. I am able to hear voice on the SSB transponders. I'm listening for the data on 145.640 FM (XW-2A), 145.770 FM (XW-2C) and 145.955 FM (XW-2F). I'm sure my radio is working correctly because I am able to send and receive APRS messages through the ISS.
What am I missing?

Thanks
Ken
KF7DUR

10036. Presentations on UK School ARISS Contacts

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-23 11:11:08 UTC
From: M5AKA
Topic: 10036 Message: 10036

There will be several presentations at the AMSAT-UK International Space Colloquium in Guildford about the successful school Amateur Radio contacts with Tim Peake GB1SS during his Principia mission on International Space Station (ISS).

The Colloquium takes place at the Holiday Inn, Guildford and is Open to All. Admittance is £10 per day.

The presentations are:

Saturday, July 30 all Times BST
14:30 - The Sandringham School Principia Experience by students Jessica M6LPJ and Polly M6POG
Evening - After Dinner Speaker will be Libby Jackson, Astronaut Flight Education Programme Manager at the UK Space Agency
Sunday, July 31
09:15 - ARISS UK view of school contacts by Team Lead Ciaran Morgan M0XTD
09:45 - The Tim Peake Effect 1 by John Hislop G7OHO
10:15 - The Tim Peake Effect 2 and Life after Principia by RSGB Board Chair Steve Hartley G0FUW

Further details and full schedule of speakers at http://amsat-uk.org/

73 Trevor M5AKA

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10037. UK Space Agency - Gala Dinner and FUNcube presentations

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-24 07:32:44 UTC
From: M5AKA
Topic: 10037 Message: 10037

The AMSAT-UK Colloquium takes place next weekend July 29-31 at the Holiday Inn, Guildford. The event is open to all.

Libby Jackson, Astronaut Flight Education Programme Manager at the UK Space Agency, with whom the ARISS UK team worked closely during the Tim Peake mission, will be speaking at the Gala Dinner on the Saturday evening. Make sure you have booked your place at the Gala Dinner, further information at

https://amsat-uk.org/2016/06/30/amsat-uk-international-space-colloquium-2016/

The FUNcube satellite related presentations at the Colloquium are:

Saturday, July 30
11:10 - AMSAT-UK's Jim Heck G3WGM and Graham Shirville G3VZV will give an update on the FUNcube project

Sunday, July 31
13:30 - An RF look at ESEO by David Bowman G0MRF, ESEO will carry the FUNcube-4 transponder
15:10 - ESA ESEO Update & Demonstration by Dr Chris Bridges 2E0OBC and Graham Shirville G3VZV

You can download the full programme schedule via
https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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10038. FCD Pro+, no reception.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-24 22:56:01 UTC
From: eduardobeline@...
Topic: 10038 Message: 10038

Hello all friends.

Last month when I turned on my FCDpro+ as I did every day I found an issue: There was no reception.

Symptons:
- The PC see the FCD and SDRSharp also.

- There is no radio signals that I can see in the screen. I tried local AM and FM stations with no success.
- There is a threshold signal as noise.

Troubleshooting with no success:
- I changed USB ports.
- I changed the PC.
- I changed Windows version.
- I reinstalled firmware.

Please, any idea?

73,
Eduardo - PY1EB.

10039. Re: [FUNcube] FCD Pro+, no reception.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-25 09:23:50 UTC
From: jose maria trueba
Topic: 10038 Message: 10039

Can you test your setup with another dongle? You may borrow another FCD
from a friend, or buy an RTL which is VERY cheap.
Maybe wrong soundcard selection?

I would suspect from a wrong setup configuration.

Once you are sure that setup is alright and you are sure that your FCD is
broken comes the time trying to fix your FCD. No antenna path? Do you have
a signal generator? Maybe a means to generate a strong signal like a close
transmission from a 144/430 handheld walkie-talkie?

2016-07-25 0:56 GMT+02:00 eduardobeline@gmail.com [FUNcube] <
FUNcube@...>:

>
>
> Hello all friends.
>
>
> Last month when I turned on my FCDpro+ as I did every day I found an issue: There
> was no reception.
>
>
> *Symptons:*
>
> - The PC see the FCD and SDRSharp also.
>
> - There is no radio signals that I can see in the screen. I
> tried local AM and FM stations with no success.
>
> - There is a threshold signal as noise.
>
>
> *Troubleshooting with no success:*
>
> - I changed USB ports.
>
> - I changed the PC.
>
> - I changed Windows version.
>
> - I reinstalled firmware.
>
> Please, any idea?
>
>

> 73,
>
> Eduardo - PY1EB.
>
>
>
>

10040. Colloquium: Book now for SSTL Tour and Gala Dinner

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-25 09:57:58 UTC
From: M5AKA
Topic: 10040 Message: 10040

The AMSAT-UK International Space Colloquium takes place July 29-31 at the Holiday Inn, Guildford and is Open to All.

There will be two opportunities to visit the satellite facilities at the Surrey Satellite Technology Limited (SSTL) Kepler building - Registration is required, see https://amsat-uk.org/2016/07/03/registration-sstl-kepler-visit/

Libby Jackson, Astronaut Flight Education Programme Manager at the UK Space Agency, with whom the ARISS UK team worked closely during the Tim Peake mission, will be speaking during the Gala Dinner on the Saturday evening, July 30. You can book the Gala Dinner along with Day Passes at the AMSAT-UK Shop:
http://shop.amsat-uk.org/

Peter Gülzow DB2OS and Achim Vollhardt DH2VA will each be giving talks on the new Geostationary Phase 4A amateur radio satellite transponders due to launch early in 2017
https://amsat-uk.org/2016/07/21/new-geostationary-transponders/

Chris Saunders, Senior Mission Concepts Engineer at SSTL will give a presentation titled SSTL: LEO, MEO, GEO and Beyond, download the schedule for the weekend via
https://amsat-uk.org/colloquium/

73 Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

10041. Satellite Beginners Session in Guildford

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-26 13:43:27 UTC
From: M5AKA
Topic: 10041 Message: 10041

The AMSAT-UK International Space Colloquium at the Holiday Inn, Guildford starts at 2pm on Friday, July 29 with a special session for newcomers to the amateur satellite world
https://amsat-uk.org/2016/07/25/satellite-beginners-session-in-guildford/

The new book Getting Started with Amateur Satellites 2016 is now available from the AMSAT-UK online shop
https://amsat-uk.org/2016/06/27/getting-started-with-amateur-satellites-2016/

Make sure you register in advance for tour of SSTL satellite facilities on Friday, July 29
https://amsat-uk.org/2016/07/03/registration-sstl-kepler-visit/

AMSAT-UK Colloquium July 29-31
https://amsat-uk.org/2016/06/30/amsat-uk-international-space-colloquium-2016/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10042. Re: [FUNcube] Satellite Beginners Session in Guildford

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-26 16:01:31 UTC
From: F5vjc
Topic: 10041 Message: 10042

New book Getting Started with Amateur Satellites 2016. The book is 15UKP
but the postage is 16UKP, to France?

73, Denis
F5VJC

On 26 July 2016 at 15:43, M5AKA m5aka@... [FUNcube] <
FUNcube@...> wrote:

>
>
> The AMSAT-UK International Space Colloquium at the Holiday Inn, Guildford
> starts at 2pm on Friday, July 29 with a special session for newcomers to
> the amateur satellite world
> https://amsat-uk.org/2016/07/25/satellite-beginners-session-in-guildford/
>
> The new book Getting Started with Amateur Satellites 2016 is now available
> from the AMSAT-UK online shop
>
> https://amsat-uk.org/2016/06/27/getting-started-with-amateur-satellites-2016/
>
> Make sure you register in advance for tour of SSTL satellite facilities on
> Friday, July 29
> https://amsat-uk.org/2016/07/03/registration-sstl-kepler-visit/
>
> AMSAT-UK Colloquium July 29-31
>
> https://amsat-uk.org/2016/06/30/amsat-uk-international-space-colloquium-2016/
>
>
> 73 Trevor M5AKA
> ----
> AMSAT-UK http://amsat-uk.org/
> Twitter https://twitter.com/AmsatUK
> Facebook https://facebook.com/AmsatUK
> YouTube https://youtube.com/AmsatUK
> ----
>
>
>

10043. Re:: FCD Pro+, no reception.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-27 04:15:09 UTC
From: eduardobeline@...
Topic: 10038 Message: 10043

Hello Jose.

I am almost shure that the problem is hardware and I cannot user another dongle.
Today I took my portable V/UHF radio and I switched the transmission on closed the dongle.
For my surprise a signal appeared in the SDR software screen.
If I have access to the schematic I can repair it.

Regards.

10044. Re: [FUNcube] Re:: FCD Pro+, no reception.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-27 07:07:27 UTC
From: jose maria trueba
Topic: 10038 Message: 10044

Then you can check antenna connector solder points, but it is sill more possible that you have some kind of software issue than anything else.

2016-07-27 6:15 GMT+02:00 eduardobeline@... [FUNcube] <FUNcube@yahoogroups.co.uk>:

>
>
> Hello Jose.
>
> I am almost shure that the problem is hardware and I cannot user another
> dongle.
> Today I took my portable V/UHF radio and I switched the transmission on
> closed the dongle. For my surprise a signal appeared in the SDR software
> screen.
> If I have access to the schematic I can repair it.
>
> Regards.
>
>
>

10045. FUNcube news

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-28 11:26:10 UTC
From: Graham Shirville
Topic: 10045 Message: 10045

Hi All,

In advance of the upcoming AMSAT-UK Colloquium which starts tomorrow, FUNcube-1 is now in continuous transponder mode. We expect to revert to autonomous mode on Monday evening.

FUNcube-2 transponder continues to be operational.

We also anticipate that the FUNcube-3 transponder on EO79 may also be activated for some orbits tomorrow, and also possibly on Saturday as well.

Further news about these spacecraft and further upcoming FUNcube missions will be made available at the Colloquium.
73

Graham
G3VZV

10046. Streaming of AMSAT-UK Colluqiuium Talks this weekend

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-29 08:41:13 UTC
From: M5AKA
Topic: 10046 Message: 10046

For those unable to join us at Guildford this weekend for the AMSAT-UK International Space Colloquium there be live streaming of the presentations kindly provided by volunteers from the British Amateur Television Club (BATC).

The webstream will be available at this new location:

https://beta.batc.tv/live/amsatuk

The Live Stream will begin on Saturday morning, July 30 at 10:15 BST with the Official Opening by Professor Sir Martin Sweeting G3YJO.

The PDF Programme Schedule, Day-Pass Booking and Travel information are at
https://amsat-uk.org/2016/06/30/amsat-uk-international-space-colloquium-2016/

Recordings of all talks will be posted on the AMSAT-UK YouTube Channel following the event
https://www.youtube.com/user/AMSATUK

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10047. EO79 transponder operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-07-29 09:53:12 UTC
From: Graham Shirville
Topic: 10047 Message: 10047

Hi All,

As suggested yesterday, we now expect the transponder to be activated during the upcoming pass over Europe around 10:!5 UTC – it should stay on until the battery safe mode trigger is activated after perhaps 6 or 7 orbits. Saturday will probably be a recharge day and not active. However on Sunday we expect it to again be activated.

If you are not able to attend the AMSAT-UK Colloquium tomorrow you can watch a webstream - kindly provided by volunteers from the British Amateur Television Club (BATC). https://beta.batc.tv/live/amsatuk The FUNcube session starts at around 11:10 BST / 10:10 UTC and will provide an update on the plans for the future regular operation of this transponder.

73

Graham
G3VZV

10048. Colloquium videos + Louis Varney cup for Advances in Space Communications

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-04 21:31:52 UTC
From: M5AKA
Topic: 10048 Message: 10048

AMSAT-UK Space Colloquium Videos Now Available
https://amsat-uk.org/2016/08/03/space-colloquium-videos/

Louis Varney cup for Advances in Space Communications presented to Wouter Weggelaar PA3WEG
https://amsat-uk.org/2016/08/04/louis-varney-cup/

Ofcom 5 GHz Consultation – RSGB and AMSAT-UK responses
https://amsat-uk.org/2016/08/01/ofcom-5-ghz-rsgb-amsat-uk/

Amateur radio satellite presentations at EMF 2016 Guildford Aug 5-7
https://amsat-uk.org/2016/08/04/amateur-radio-emfcamp/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10049. FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-05 20:46:47 UTC
From: Graham Shirville
Topic: 9912 Message: 10049

Hi All,

Just to confirm that FUNcube-1 is now operating in continuous amateur mode with the transponder active for the weekend.

73
Graham
G3VZV

10050. FUNcube-1 mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-07 22:05:32 UTC
From: Graham Shirville
Topic: 9971 Message: 10050

Hi All,

FUNcube-1 is now (22:04 UTC) back in autonomous mode...high power tlm is active when in sunlight and transponder with low power tlm when in eclipse.

73

Graham
G3VZV

10051. FUNCUBE DONGLE search

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-11 14:43:52 UTC
From: ik1wvq@...
Topic: 10051 Message: 10051

Hi to all,
I am looking for a FUNCUBE dongle first version (without filters !).

if someone is interested in selling, please contact me at:

ik1wvq(at)stmb.it

many thanks and sorry if this message may be a little OT

73 de Mauro IK1WVQ

10052. BIRDS CubeSat Constellation + ISS SSTV

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-12 12:15:21 UTC
From: M5AKA
Topic: 10052 Message: 10052

The 2016 edition of the book Getting Started with Amateur Satellites is now back in stock in the AMSAT-UK shop
https://amsat-uk.org/2016/06/27/getting-started-with-amateur-satellites-2016/

Amateur Radio BIRDS CubeSat Constellation
https://amsat-uk.org/2016/08/11/ham-radio-birds-constellation/

Receive Pictures from Space – ISS SSTV August 15-16
https://amsat-uk.org/2016/08/10/iss-sstv-august/

Video of ISS HamTV talk at EMF
https://amsat-uk.org/2016/08/08/iss-hamtv-emf-talk/

Video of $50SAT ham radio satellite talk
https://amsat-uk.org/2016/08/08/50-dollar-sat-emf-talk/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10053. CubeSat launch today + ISS SSTV

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-15 23:35:43 UTC
From: M5AKA
Topic: 10053 Message: 10053

Jonathan McDowell ☐@planet4589 reports Mozi hao, Qibo Daqi Kexue Shiyan Weixing and the CubeSat 3CAT-2 were launched by Beijing today
3CAT-2 CubeSat downlinks listed as 145.970 MHz and 2401.00 MHz
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=371

ISS SSTV received today on Baofeng HT
https://amsat-uk.org/2016/08/15/iss-sstv-on-baofeng-ht/

Bob McCreadie G0FGX explains Satellite Operating in the TX Factor Show
https://amsat-uk.org/2016/08/14/satellite-operating-tx-factor/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10054. FUNcube-1 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-21 20:16:10 UTC
From: Graham Shirville
Topic: 9696 Message: 10054

Hi All,

I can report that FUNcube-1 is now autonomously switching between sunlight and eclipse operation.
Full time transponder operation should resume next weekend.

73

Graham
G3VZV

10055. dongle question

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-25 10:33:15 UTC
From: patrice.privat00@...
Topic: 10055 Message: 10055

Hi All,

I have a DVB-T+DAB+FM dongle which I use for ADS-B aviation monitoring on 1090 mhz with the RTL1090 software.

I am now testing HDSDR software with it (dongle and very tiny window-sill antenna sold with it) to catch some action on the most popular satellite bands , namely
137-150 mhz and 430-455 mhz, not much heard if anything so far even when heavens-above website reports ham sats passing overhead me like 80 degrees elevation.

Could it be that the antenna is not suitable for these frequency ranges ? Any idea ofwhat antenna could fit in niceline with the dongle's 'in' (sort of a jack in) socket to cover these spectrums (or spectra ?); also I would like to patrol the Satcom band (240-280 mhz) to see if there's any action from here, in Northern France.

Any ideas ?

Many thanks.

Pat

10056. Re: [FUNcube] dongle question

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-25 10:59:30 UTC
From: Alan
Topic: 10055 Message: 10056

Original Message -----
Subject: [FUNcube] dongle question

>
> I have a DVB-T+DAB+FM dongle which I use for ADS-B aviation monitoring on 1090 mhz with the RTL1090 software.
> I am now testing HDSDR software with it (dongle and very tiny window-sill antenna sold with it) to catch some action on the most
> popular satellite bands , namely
> 137-150 mhz and 430-455 mhz, not much heard if anything so far even when heavens-above website reports ham sats passing overhead
> me like 80 degrees elevation.
> Could it be that the antenna is not suitable for these frequency ranges ? Any idea ofwhat antenna could fit in niceline with the
> dongle's 'in' (sort of a jack in) socket to
> cover these spectrums (or spectra ?); also I would like to patrol the Satcom band (240-280 mhz) to see if there's any action from
> here, in Northern France.
>

Pat

While a FCDPro+ may receive stronger ham satellites with a whip suited to the band in use better results will be obtained with a
dedicated beam, maybe a small one hand held outside.

The RTL dongle is less likely to be successful due to possible overloading from strong out of band signals, less sensitivity, no
filters. It will probably test your skills to the limit. Obviously the supplied whip is intended for strong TV signals.

Alan G4ZFQ

10057. Re: [FUNcube] dongle question

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-25 14:59:38 UTC
From: Siegfried Jackstien
Topic: 10055 Message: 10057

Am 25.08.2016 um 10:33 schrieb patrice.privat00@... [FUNcube]:
>
> Hi All,
>
>
> I have a DVB-T+DAB+FM dongle which I use for ADS-B aviation monitoring
> on 1090 mhz with the RTL1090 software.
>
>
> I am now testing HDSDR software with it (dongle and very tiny
> window-sill antenna sold with it) to catch some action on the most
> popular satellite bands , namely
>
> 137-150 mhz and 430-455 mhz, not much heard if anything so far even
> when heavens-above website reports ham sats passing overhead me like
> 80 degrees elevation.
>
>
> Could it be that the antenna is not suitable for these frequency
> ranges ? Any idea ofwhat antenna could fit in niceline with the
> dongle's 'in' (sort of a jack in) socket to
>

yes ... that tiny whip is way too short

> cover these spectrums (or spectra ?); also I would like to patrol the
> Satcom band (240-280 mhz) to see if there's any action from here, in
> Northern France.
>
>
> Any ideas ?
>
>

i made a quadrifilar helix with some stiff wire and wooden spreaders (in half an hour while arissat 1 was launched from iss) ... some wire, some wood, some tie wraps (cable ties) ...

for 2m hamband 2.2 and 2.3m wires are needed (yes the loops are different in size)

for 137 megs 2.3 and 2.4m .... (if i remember correct)

....

you can also receive other frequencies with that same antenna

ok it is not optimum for other signals ... but usable

i have fcd, fcdpp and several rtl sticks

and for most signal i only use the homebrewed qfh ...

sometimes on a very low pass i use my stacked dualband vertical instead ...

but for most things such a qfh should work fine (i also watch tv and
listen to fm radio and dab radio with it ... grin)

greetz
sigi

ps any antenna high up in the clear would work much better as that tiny whip

> Many thanks.
>
>
> Pat
>
>
>

10058. FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-26 20:05:36 UTC
From: Graham Shirville
Topic: 9799 Message: 10058

Hi All,

Just to confirm that FC1 is now in continuous transponder mode for the weekend.

73
Graham
G3VZV

10059. Re: [FUNcube] FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-27 13:09:08 UTC
From: jose maria trueba
Topic: 9799 Message: 10059

Graham,

I wonder why you guys decide to change modes every so often. Battery charging, or based on what else?
Is also nice to know the reason (or reasons) why things happen. Knowledge only reserved for the managers are, not very fair if founds are public, and no good for the culture of the people. Culture for us is our best future investment.

Anyhow, many thanks for keeping us up to date.

73,
jose, ea2jx

2016-08-26 22:05 GMT+02:00 'Graham Shirville' g.shirville@...
[FUNcube] <FUNcube@...>:

>
>
> Hi All,
>
> Just to confirm that FC1 is now in continuous transponder mode for the
> weekend.
>
> 73
> Graham
> G3VZV
>
>
>

10060. Re: [FUNcube] FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-27 13:21:23 UTC
From: Paul Hyde
Topic: 9799 Message: 10060

I thought the mode switching was due to maximising the opportunities for the 'outreach' and amateur radio activities of the FUNcube satellite and has been well documented over the increasingly long life of the satellite.
Certainly not secret!
Paul G4CSD

On Saturday, 27 August 2016, 14:09, "jose maria trueba josemariatrueba@... [FUNcube]" <FUNcube@yahoogroups.co.uk> wrote:

Graham,
I wonder why you guys decide to change modes every so often. Battery charging, or based on what else?Is also nice to know the reason (or reasons) why things happen. Knowledge only reserved for the managers are, not very fair if founds are public, and no good for the culture of the people. Culture for us is our best future investment.
Anyhow, many thanks for keeping us up to date.
73,jose, ea2jx
2016-08-26 22:05 GMT+02:00 'Graham Shirville' g.shirville@... [FUNcube] <FUNcube@...>:

Hi All, Just to confirm that FC1 is now in continuous transponder mode for the weekend. 73GrahamG3VZV

10061. Re: [FUNcube] FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-27 13:48:38 UTC
From: jose maria trueba
Topic: 9799 Message: 10061

Paul,

Thanks for answering with an answer, instead of only telling this ignorant
that it is already well documented everywhere.
I'm glad it is not a secret. I never though it was. Only asked why, but I'm
sure that you understood what I meant.

73,
jose

2016-08-27 15:21 GMT+02:00 Paul Hyde g4csd@yahoo.co.uk [FUNcube] <
FUNcube@...>:

>
>
> I thought the mode switching was due to maximising the opportunities for
> the 'outreach' and amateur radio activities of the FUNcube satellite and
> has been well documented over the increasingly long life of the satellite.
>
> Certainly not secret!
>
> Paul G4CSD
>
>
> On Saturday, 27 August 2016, 14:09, "jose maria trueba
> josemariatrueba@... [FUNcube]" <FUNcube@...> wrote:
>
>
>
>
> Graham,
>
> I wonder why you guys decide to change modes every so often. Battery
> charging, or based on what else?
> Is also nice to know the reason (or reasons) why things happen. Knowledge
> only reserved for the managers are, not very fair if founds are public, and
> no good for the culture of the people. Culture for us is our best future
> investment.
>
> Anyhow, many thanks for keeping us up to date.
>
> 73,
> jose, ea2jx
>
> 2016-08-26 22:05 GMT+02:00 'Graham Shirville' g.shirville@...
> [FUNcube] <FUNcube@...>:
>

>
> Hi All,
>
> Just to confirm that FC1 is now in continuous transponder mode for the
> weekend.
>
> 73
> Graham
> G3VZV
>
>
>
>
>
>

10062. Re: [FUNcube] FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-27 14:47:27 UTC
From: Alan Melia
Topic: 9799 Message: 10062

Hi Jose well if you don't know it is best to ask :-)) but I wonder ?? I suspect you may like many members of the group rely totally on the distributed emails, which dont repeat information that a large number of members (3851) already know (we have been around 5 years), but many, from comments like yours, probably do not use the web-site. This is the advantage of the Groups in that archive material is kept accessible.

This is a plea to other users too......please avail yourself of the web site particularly the files area where you will find lots of useful information. There is in fact a Funcube Handbook posted by Richard Limebear G3RWL and lots of other information. (see and click "Visit your Group" in the tail to his thead of meassages. Or use https://uk.groups.yahoo.com/neo/groups/funcube/info

Yes it has it's idiosyncracies ...that is Yahoo, but most works....ask if you have problems.....the message search is particularly "odd" and non intuitive.

Enjoy the activity
Best Wishes
Alan Melia G3NYK
Group Moderator
----- Original Message -----
From: jose maria trueba josemariatrueba@... [FUNcube]
To: FUNcube@...
Sent: Saturday, August 27, 2016 2:09 PM
Subject: Re: [FUNcube] FUNcube-1 mode change

Graham,

I wonder why you guys decide to change modes every so often. Battery charging, or based on what else?
Is also nice to know the reason (or reasons) why things happen. Knowledge only reserved for the managers are, not very fair if founds are public, and no good for the culture of the people. Culture for us is our best future investment.

Anyhow, many thanks for keeping us up to date.

73,
jose, ea2jx

2016-08-26 22:05 GMT+02:00 'Graham Shirville' g.shirville@... [FUNcube] <FUNcube@...>:

Hi All,

Just to confirm that FC1 is now in continuous transponder mode for the weekend.

73
Graham
G3VZV

10063. Re: [FUNcube] FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-27 15:57:22 UTC
From: jose maria trueba
Topic: 9799 Message: 10063

Alan,

Thanks for supporting this Yahoo Group, and for making the effort of writing this time.

I only asked why. A very simple question that got a simple and very short answer along with the suggestion of next time looking for information somewhere else, instead of asking.

As you have found out I am not an expert in satellites. I only have one FuncubePro Dongle that I got five years ago, and one FuncubeProPlus and RTL dongles that I used mostly when I first bought them.

Four years ago I got a Hermes HPSDR, then got the second Funcube and super-cheap RTL and used them briefly.
Lately I just replaced my Hermes with an Angelia, swapping boards for my HPSDR based transceiver that is taking most of my time dedicated for radios. Like everybody else I have obligations to do as well as other things that are first of all, and have some other hobbies too.
I'm telling this off-topic personal story, so you see that my main interest are not satellites right now, but I still have not refused yet.

Even if some Funcuble users have an exhaustive knowledge of these mini-cubes, may you agree or not is my opinion that sure It doesn't hurt to say why, when we are told that operation changes have been made.Who makes them, why and how are done sure would put things closer to the eventual user, that may feel to try to use their dongles or satellite antennas and transceivers giving them another try.

I am sure that most members of this group are not satellite experts. I bet only a small percentage are the experts .
Reminding the basics of Funcubes here may probably be good for populating satellite trackings, bring more users, will be encouraging more people with an interest high enough to bring the strenght to be active here. Telling people to go for informtion somewhere else may be no so good, on the other side.

Just my constructive suggestions, no big deal. You as Group Moderator, or other guys managing the Funcubes, or just simple members in this group, can take these suggestions into account or just ignore them. Up to you, for sure.

73,
jose, ea2jx

2016-08-27 16:47 GMT+02:00 'Alan Melia' Alan.Melia@... [FUNcube] <FUNcube@...>:

>
>
> □
> Hi Jose well if you don't know it is best to ask :-)) but I wonder ?? I
> suspect you may like many members of the group rely totally on the
> distributed emails, which dont repeat information that a large number of
> members (3851) already know (we have been around 5 years), but many, from
> comments like yours, probably do not use the web-site. This is the
> advantage of the Groups in that archive material is kept accessible.
>
> This is a plea to other users too.....please avail yourself of the web
> site particularly the files area where you will find lots of useful
> information. There is in fact a Funcube Handbook posted by Richard Limebear
> G3RWL and lots of other information. (see and click "Visit your Group" in
> the tail to his thead of meassages. Or use https://uk.groups.yahoo.com/
> neo/groups/funcube/info
>
> Yes it has it's idiosyncracies ...that is Yahoo, but most works....ask if
> you have problems.....the message search is particularly "odd" and non
> intuitive.
>
> Enjoy the activity
> Best Wishes
> Alan Melia G3NYK
> Group Moderator
>
> ----- Original Message -----
> *From:* jose maria trueba josemariatrueba@... [FUNcube]
> <josemariatrueba@...+[FUNcube]>
> *To:* FUNcube@...
> *Sent:* Saturday, August 27, 2016 2:09 PM
> *Subject:* Re: [FUNcube] FUNcube-1 mode change
>
> Graham,
>
> I wonder why you guys decide to change modes every so often. Battery
> charging, or based on what else?
> Is also nice to know the reason (or reasons) why things happen. Knowledge
> only reserved for the managers are, not very fair if founds are public, and
> no good for the culture of the people. Culture for us is our best future
> investment.
>
> Anyhow, many thanks for keeping us up to date.
>
> 73,
> jose, ea2jx
>
> 2016-08-26 22:05 GMT+02:00 'Graham Shirville' g.shirville@...
> [FUNcube] <FUNcube@...>:
>

>>
>>
>> Hi All,
>>
>> Just to confirm that FC1 is now in continuous transponder mode for the
>> weekend.
>>
>> 73
>> Graham
>> G3VZV
>>
>>
>
>

10064. Re: [FUNcube] FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-27 16:10:21 UTC
From: jose maria trueba
Topic: 9799 Message: 10064

P.S.

Forgot to say thanks for mentioning the Funcube Handbook.
Thank you for the reminder.

I found there are even translations in another three languages.
I'll have a look now and will keep a copy at hand (hand-book), but I don't think that I am going to learn a lot now nor intend to ever learn it all.
Here goes the link.
https://funcube.org.uk/working-documents/funcube-handbook/

2016-08-27 17:57 GMT+02:00 jose maria trueba <josemariatrueba@gmail.com>:

> Alan,
>
> Thanks for supporting this Yahoo Group, and for making the effort of
> writing this time.
>
> I only asked why. A very simple question that got a simple and very short
> answer along with the suggestion of next time looking for information
> somewhere else, instead of asking.
>
> As you have found out I am not an expert in satellites. I only have one
> FuncubePro Dongle that I got five years ago, and one FuncubeProPlus and RTL
> dongles that I used mostly when I first bought them.
>
> Four years ago I got a Hermes HPSDR, then got the second Funcube and
> super-cheap RTL and used them briefly.
> Lately I just replaced my Hermes with an Angelia, swapping boards for my
> HPSDR based transceiver that is taking most of my time dedicated for
> radios. Like everybody else I have obligations to do as well as other
> things that are first of all, and have some other hobbies too.
> I'm telling this off-topic personal story, so you see that my main
> interest are not satellites right now, but I still have not refused yet.
>
> Even if some Funcuble users have an exhaustive knowledge of these
> mini-cubes, may you agree or not is my opinion that sure It doesn't hurt
> to say why, when we are told that operation changes have been made.Who
> makes them, why and how are done sure would put things closer to the
> eventual user, that may feel to try to use their dongles or satellite
> antennas and transceivers giving them another try.
>
> I am sure that most members of this group are not satellite experts. I bet
> only a small percentage are the experts .
> Reminding the basics of Funcubes here may probably be good for populating

> satellite trackings, bring more users, will be encouraging more people with
> an interest high enough to bring the strenght to be active here. Telling
> people to go for informtion somewhere else may be no so good, on the other
> side.
>
> Just my constructive suggestions, no big deal. You as Group Moderator, or
> other guys managing the Funcubes, or just simple members in this group, can
> take these suggestions into account or just ignore them. Up to you, for
> sure.
>
> 73,
> jose, ea2jx
>
> 2016-08-27 16:47 GMT+02:00 'Alan Melia' Alan.Melia@...
> [FUNcube] <FUNcube@...>:
>
>>
>>
>> □
>> Hi Jose well if you don't know it is best to ask :-)) but I wonder ?? I
>> suspect you may like many members of the group rely totally on the
>> distributed emails, which dont repeat information that a large number of
>> members (3851) already know (we have been around 5 years), but many, from
>> comments like yours, probably do not use the web-site. This is the
>> advantage of the Groups in that archive material is kept accessible.
>>
>> This is a plea to other users too.....please avail yourself of the web
>> site particularly the files area where you will find lots of useful
>> information. There is in fact a Funcube Handbook posted by Richard Limebear
>> G3RWL and lots of other information. (see and click "Visit your Group" in
>> the tail to his thead of meassages. Or use
>> https://uk.groups.yahoo.com/neo/groups/funcube/info
>>
>> Yes it has it's idiosyncracies ...that is Yahoo, but most works....ask if
>> you have problems.....the message search is particularly "odd" and non
>> intuitive.
>>
>> Enjoy the activity
>> Best Wishes
>> Alan Melia G3NYK
>> Group Moderator
>>
>> ----- Original Message -----
>> *From:* jose maria trueba josemariatrueba@... [FUNcube]
>> <josemariatrueba@...+[FUNcube]>
>> *To:* FUNcube@...
>> *Sent:* Saturday, August 27, 2016 2:09 PM
>> *Subject:* Re: [FUNcube] FUNcube-1 mode change
>>

>> Graham,
>>
>> I wonder why you guys decide to change modes every so often. Battery
>> charging, or based on what else?
>> Is also nice to know the reason (or reasons) why things happen. Knowledge
>> only reserved for the managers are, not very fair if founds are public, and
>> no good for the culture of the people. Culture for us is our best future
>> investment.
>>
>> Anyhow, many thanks for keeping us up to date.
>>
>> 73,
>> jose, ea2jx
>>
>> 2016-08-26 22:05 GMT+02:00 'Graham Shirville' g.shirville@...
>> [FUNcube] <FUNcube@...>:
>>
>>>
>>>
>>> Hi All,
>>>
>>> Just to confirm that FC1 is now in continuous transponder mode for the
>>> weekend.
>>>
>>> 73
>>> Graham
>>> G3VZV
>>>
>>>
>>
>>
>
>

10065. Re: [FUNcube] FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-27 16:38:36 UTC
From: David J Taylor
Topic: 9799 Message: 10065

Folks,

We have a Wiki:

http://funcubedongle.pbworks.com/

If the information there isn't enough, please someone update it. I'm not expert enough to do that.

Thanks,
David GM8ARV
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...
Twitter: @gm8arv

10066. Re:: Re: [FUNcube] FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-27 21:41:13 UTC
From: jet.noise@...
Topic: 9799 Message: 10066

Schools access on school days, amateurs access on weekends, surely?

Tim
G3PJD

10067. Re:: FUNcube-1 mode change [explanation + information sources]

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 10:06:49 UTC
From: wouterweg@...
Topic: 9799 Message: 10067

Hi All,

Yes, it is indeed to maximise usage over the weekend for radio amateurs.
The original idea for the satellite was to keep the on board mode switching as simple as possible.
We saw that a common failure for a lot of CubeSats was the software in the satellite.
Early on in the FUNcube project we made it a goal to keep things simple (KISS), and test everything very thoroughly. I dare to claim that FUNcube has seen the most software testing done on it of all constructed CubeSats to date. Since launch we have identified ZERO bugs in the flight code.

The mode switching happens with eclipse detection. to put it simple: no light on the solar panels = darkness = night = schools closed. So the satellite switches on the transponder when in darkness, on its own.

However, note that due to its orbit altitude, the satellite may be illuminated when it is night-time on the ground. (similar to being on a high mountain peak that is still illuminated while the sun is setting)

To make it easier for radio amateurs to use the satellite, it is switched into full time transponder mode in the weekend, since most schools will be closed during the weekend. This way, you can be sure that the transponder is on during the weekend.

I will be taking it out of this mode tonight, and putting it back into autonomous mode.

Regarding information supply, note there are quite some sources for satellite operational data.
The official outlets for information are the FUNcube website https://funcube.org.uk/ https://funcube.org.uk/
and the FUNcube forum at http://forum.funcube.org.uk/ http://forum.funcube.org.uk/, as well as posts from the FUNcube team at this list or on the AMSAT-BB at http://www.amsat.org/mailman/listinfo/amsat-bb http://www.amsat.org/mailman/listinfo/amsat-bb
For the current mode you can always look at the warehouse at http://warehouse.funcube.org.uk/ http://warehouse.funcube.org.uk/
This has the Satellite status on the left hand side.

We tend to announce most things on the AMSAT-BB, as this mailing list is used by most satellite operators.

This Yahoo group was set up by the community (Rob M0TFO started it) and is read by some of the FUNcube developers. but it is not run by the FUNcube project.

There is the Wiki, that is also run by an enthusiast, David taylor, for the community at http://funcubedongle.pbworks.com http://funcubedongle.pbworks.com

And there is the official FUNcube dongle website at http://www.funcubedongle.com/
http://www.funcubedongle.com/

Lastly, FUNcube refers to the satellite, usually FUNcube-1, and FUNcube dongle refers to the radio receiver that was conceived as the ground receiver for the project by Howard G6LVB.
The correct capitalisation is capitals FUN followed by lower case cube, and the satellite is referred to as FUNcube or FUNcube-1, without "The" in front. But we will not hold any incorrect spelling against you ;)
We may giggle a bit though ;)

I hope this clarifies everything. If not, feel free to ask!

Wouter PA3WEG
FUNcube team

10068. Re: : Re: [FUNcube] FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 10:09:07 UTC
From: jose maria trueba
Topic: 9799 Message: 10068

Understand. That does explain why changing modes for the weekend.
Schools just receive data and Hams work it as a repeater. Is this one of
the reasons for changing modes?

2016-08-27 23:41 GMT+02:00 jet.noise@... [FUNcube] <
FUNcube@...>:

>
>
> Schools access on school days, amateurs access on weekends, surely?
>
> Tim
> G3PJD
>
>
>

10069. Re: [FUNcube] FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 10:10:11 UTC
From: jose maria trueba
Topic: 9799 Message: 10069

Thanks for the link, David. That's good info.

2016-08-27 18:38 GMT+02:00 'David J Taylor' david-taylor@...
[FUNcube] <FUNcube@yahoogroups.co.uk>:

>
>
> Folks,
>
> We have a Wiki:
>
> http://funcubedongle.pbworks.com/
>
> If the information there isn't enough, please someone update it. I'm not
> expert enough to do that.
>
> Thanks,
> David GM8ARV
> --
> SatSignal Software - Quality software written to your requirements
> Web: http://www.satsignal.eu
> Email: david-taylor@...
> Twitter: @gm8arv
>
>
>

10070. Re:: FUNcube-1 mode change [explanation + information sources]

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 10:30:34 UTC
From: jet.noise@...
Topic: 9799 Message: 10070

I deduced the reason for mode changes rather than reading about it given the FUNdamental philosophy behind the project ()

One unfortunate side effect is that when I demonstrate the FCD at amateur radio rallies, as they are at weekends I am unable to demonstrate the reception of data. Shame, as many visitors do ask about it.

My other gripe is that my school never attempted to receive FUNcube data. Just because I was at school half a century before it was launched is no excuse!!

73
Tim
G3PJD

10071. Re: [FUNcube] Re:: FUNcube-1 mode change [explanation + information sources]

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 10:31:53 UTC
From: jose maria trueba
Topic: 9799 Message: 10071

Wouter,

This one of yours has been a very good post. Lot's of information very well explained, with plenty of links for making it easy if looking for more. Thank you very much.

I have been reading "autonomus mode" for years, and never knew what it meant. I guess now that my interest was not high enough for asking, no telling looking for more googling all over the place.

I can understand now that software up there must be bug-free (a firmware that can't be upgraded if there are bugs found after launching), and you found out that the KISS concept has been a great idea.

I am sure that this kind of information will encourage more people to follow your FUNcube sats projects.

73,
jose, ea2jx

2016-08-28 12:06 GMT+02:00 wouterweg@...m [FUNcube] <
FUNcube@...>:

>
>
> Hi All,
>
> Yes, it is indeed to maximise usage over the weekend for radio amateurs.
> The original idea for the satellite was to keep the on board mode
> switching as simple as possible.
> We saw that a common failure for a lot of CubeSats was the software in the
> satellite.
> Early on in the FUNcube project we made it a goal to keep things simple
> (KISS), and test everything very thoroughly. I dare to claim that FUNcube
> has seen the most software testing done on it of all constructed CubeSats
> to date. Since launch we have identified ZERO bugs in the flight code.
>
> The mode switching happens with eclipse detection. to put it simple: no
> light on the solar panels = darkness = night = schools closed. So the
> satellite switches on the transponder when in darkness, on its own.
>
> However, note that due to its orbit altitude, the satellite may be
> illuminated when it is night-time on the ground. (similar to being on a
> high mountain peak that is still illuminated while the sun is setting)
>

> To make it easier for radio amateurs to use the satellite, it is switched
> into full time transponder mode in the weekend, since most schools will be
> closed during the weekend. This way, you can be sure that the transponder
> is on during the weekend.
>
> I will be taking it out of this mode tonight, and putting it back into
> autonomous mode.
>
> Regarding information supply, note there are quite some sources for
> satellite operational data.
> The official outlets for information are the FUNcube website
> https://funcube.org.uk/
>
> and the FUNcube forum at http://forum.funcube.org.uk/, as well as posts
> from the FUNcube team at this list or on the AMSAT-BB at
> http://www.amsat.org/mailman/listinfo/amsat-bb
> For the current mode you can always look at the warehouse at
> http://warehouse.funcube.org.uk/
> This has the Satellite status on the left hand side.
>
> We tend to announce most things on the AMSAT-BB, as this mailing list is
> used by most satellite operators.
>
> This Yahoo group was set up by the community (Rob M0TFO started it) and is
> read by some of the FUNcube developers. but it is not run by the FUNcube
> project.
>
> There is the Wiki, that is also run by an enthusiast, David taylor, for
> the community at http://funcubedongle.pbworks.com
>
> And there is the official FUNcube dongle website at
> http://www.funcubedongle.com/
>
>
>
> Lastly, FUNcube refers to the satellite, usually FUNcube-1, and FUNcube
> dongle refers to the radio receiver that was conceived as the ground
> receiver for the project by Howard G6LVB.
>
> The correct capitalisation is capitals FUN followed by lower case cube,
> and the satellite is referred to as FUNcube or FUNcube-1, without "The" in
> front. But we will not hold any incorrect spelling against you ;)
>
> We may giggle a bit though ;)
>
>
> I hope this clarifies everything. If not, feel free to ask!
>
> Wouter PA3WEG
> FUNcube team

>
>
>

10072. Re: [FUNcube] Re:: FUNcube-1 mode change [explanation + information sources]

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 11:05:09 UTC
From: jose maria trueba
Topic: 9799 Message: 10072

I have been reading interesting things here
http://warehouse.funcube.org.uk/realtime.html;jsessionid=F393D6F0BDFC85F66BC52127E1E51698?satelliteId=2#tabs-rf

There are curious things to learn, like knowing that RF power is 39mw forward and 7mw reflected (VSWR around 2.5:1 or 7.3dB return loss), or that temperature inside FUNcube ranging 24º between -4 and 20ºC, while at antennas temperature range is 51º between -21 and 30ºC.

Another curiosity is that battery voltage ranges from 8.1 to 8.3 while range of solar panels charging battery goes between 5.2 and zero volts very much the same in all three planes (guess there are two panels on each plane, panels in all six sides in the cube).
Curiosity very much satisfied.

2016-08-28 12:31 GMT+02:00 jose maria trueba <josemariatrueba@...>:

> Wouter,
>
> This one of yours has been a very good post. Lot's of information very
> well explained, with plenty of links for making it easy if looking for more.
> Thank you very much.
>
> I have been reading "autonomus mode" for years, and never knew what it
> meant. I guess now that my interest was not high enough for asking, no
> telling looking for more googling all over the place.
>
> I can understand now that software up there must be bug-free (a firmware
> that can't be upgraded if there are bugs found after launching), and you
> found out that the KISS concept has been a great idea.
>
> I am sure that this kind of information will encourage more people to
> follow your FUNcube sats projects.
>
> 73,
> jose, ea2jx
>
>
>
> 2016-08-28 12:06 GMT+02:00 wouterweg@... [FUNcube] <
> FUNcube@....uk>:
>
>>
>>
>> Hi All,

>>
>> Yes, it is indeed to maximise usage over the weekend for radio amateurs.
>> The original idea for the satellite was to keep the on board mode
>> switching as simple as possible.
>> We saw that a common failure for a lot of CubeSats was the software in
>> the satellite.
>> Early on in the FUNcube project we made it a goal to keep things simple
>> (KISS), and test everything very thoroughly. I dare to claim that FUNcube
>> has seen the most software testing done on it of all constructed CubeSats
>> to date. Since launch we have identified ZERO bugs in the flight code.
>>
>> The mode switching happens with eclipse detection. to put it simple: no
>> light on the solar panels = darkness = night = schools closed. So the
>> satellite switches on the transponder when in darkness, on its own.
>>
>> However, note that due to its orbit altitude, the satellite may be
>> illuminated when it is night-time on the ground. (similar to being on a
>> high mountain peak that is still illuminated while the sun is setting)
>>
>> To make it easier for radio amateurs to use the satellite, it is switched
>> into full time transponder mode in the weekend, since most schools will be
>> closed during the weekend. This way, you can be sure that the transponder
>> is on during the weekend.
>>
>> I will be taking it out of this mode tonight, and putting it back into
>> autonomous mode.
>>
>> Regarding information supply, note there are quite some sources for
>> satellite operational data.
>> The official outlets for information are the FUNcube website
>> https://funcube.org.uk/
>>
>> and the FUNcube forum at http://forum.funcube.org.uk/, as well as posts
>> from the FUNcube team at this list or on the AMSAT-BB at
>> http://www.amsat.org/mailman/listinfo/amsat-bb
>> For the current mode you can always look at the warehouse at
>> http://warehouse.funcube.org.uk/
>> This has the Satellite status on the left hand side.
>>
>> We tend to announce most things on the AMSAT-BB, as this mailing list is
>> used by most satellite operators.
>>
>> This Yahoo group was set up by the community (Rob M0TFO started it) and
>> is read by some of the FUNcube developers. but it is not run by the FUNcube
>> project.
>>
>> There is the Wiki, that is also run by an enthusiast, David taylor, for
>> the community at http://funcubedongle.pbworks.com
>>
>> And there is the official FUNcube dongle website at

>> http://www.funcubedongle.com/
>>
>>
>>
>> Lastly, FUNcube refers to the satellite, usually FUNcube-1, and FUNcube
>> dongle refers to the radio receiver that was conceived as the ground
>> receiver for the project by Howard G6LVB.
>>
>> The correct capitalisation is capitals FUN followed by lower case cube,
>> and the satellite is referred to as FUNcube or FUNcube-1, without "The" in
>> front. But we will not hold any incorrect spelling against you ;)
>>
>> We may giggle a bit though ;)
>>
>>
>> I hope this clarifies everything. If not, feel free to ask!
>>
>> Wouter PA3WEG
>> FUNcube team
>>
>>
>>
>
>

10073. Re: [FUNcube] Re:: FUNcube-1 mode change [explanation + information sources]

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 11:41:36 UTC
From: Paul Stoetzer
Topic: 9799 Message: 10073

"One unfortunate side effect is that when I demonstrate the FCD at amateur radio rallies, as they are at weekends I am unable to demonstrate the reception of data. Shame, as many visitors do ask about it."

A simple handheld beam should be plenty adequate for decoding the 30 mW telemetry on weekends, at least on higher passes. I find the signal quite strong with a 3 element Arrow yagi.

73,

Paul, N8HM

On Sunday, August 28, 2016, jet.noise@gmail.com [FUNcube] <FUNcube@...> wrote:

>
>
> I deduced the reason for mode changes rather than reading about it given
> the FUNdamental philosophy behind the project ()
>
> One unfortunate side effect is that when I demonstrate the FCD at amateur
> radio rallies, as they are at weekends I am unable to demonstrate the
> reception of data. Shame, as many visitors do ask about it.
>
> My other gripe is that my school never attempted to receive FUNcube data.
> Just because I was at school half a century before it was launched is no
> excuse!!
>
> 73
> Tim
> G3PJD
>
>

10074. ANTENAE FOR FUNCUBE DONGLE.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 12:57:17 UTC
From: barrieparsons552@...
Topic: 10074 Message: 10074

DEAR GROUP.
FIRST OFF THANKS TO ALL FOR THE GROUP.
My question may seem pretty simple but I would like the groups input please.
It is simply which aerial do members use to get effective reception on all bands.
Using the funcube dongle pro +???
I was going to get a new receiver scanner,but thought I would be better off
spending the money on decent arials,,Many thanks for your advice Barrie g4yjs.

10075. Re: [FUNcube] ANTENAE FOR FUNCUBE DONGLE.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 13:15:33 UTC
From: Alan
Topic: 10074 Message: 10075

Original Message -----
Subject: [FUNcube] ANTENAE FOR FUNCUBE DONGLE.

>
>> It is simply which aerial do members use to get effective reception on all bands.
> Using the funcube dongle pro +???
> I was going to get a new receiver scanner,but thought I would be better off
> spending the money on decent arials,,Many thanks for your advice

Barrie,

All bands means a lot on the FCDP+
For the amateur bands:-
Maybe a wire for HF
Whips for 6, 4, 2m?
70cm 1296MHz collinears?
Various multiband verticals must be available.
Or a general purpose discone?
Or do you want horizontal polarisation on VHF? Maybe a beam.

Some above I've tried but the choice is huge.

You are right the antenna makes a radio work.

73 Alan G4ZFQ

10076. Re: [FUNcube] ANTENAE FOR FUNCUBE DONGLE.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 13:26:34 UTC
From: jose maria trueba
Topic: 10074 Message: 10076

I think that you will need at least a Full Size 160m long Loop (or a just a 10m long wire) for HF.
VHF and UHF will need Log-periodic Yagis or Discones.
More antennas will be better because a dedicated long beam for the band of interest will be needed for satellites, but at least three antennas in all will cover well 150KHz to 2GHz.

I read this yesterday (copy-pasted from here http://funcubedongle.pbworks.com/w/page/62294509/Sensitivity

Add an Antenna!

This sounds terribly obvious but sticking a little piece of wire into the SMA connector just won't do. I [Elwood Downey] used a calibrated signal source and was able to just hear a 1 uV signal at 14 MHz, so you'll need some sort of antenna to hear anything more than strong local stations. The FCDPP is so wonderfully broadband that no one antenna will work well but a single wire about 30 feet long as high as possible should at least let you start hearing more signals. Be sure to disconnect it when not in use to prevent damage from static discharges.

2016-08-28 14:57 GMT+02:00 barrieparsons552@... [FUNcube] <FUNcube@...>:

>
>
> DEAR GROUP.
>
> FIRST OFF THANKS TO ALL FOR THE GROUP.
>
> My question may seem pretty simple but I would like the groups input
> please.
>
> It is simply which aerial do members use to get effective reception on all
> bands.
>
> Using the funcube dongle pro +???
>
> I was going to get a new receiver scanner,but thought I would be better
> off
>
> spending the money on decent arials,,Many thanks for your advice Barrie
> g4yjs.
>
>
>

10077. Re: [FUNcube] ANTENAE FOR FUNCUBE DONGLE.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 13:38:51 UTC
From: barrie parsons
Topic: 10074 Message: 10077

DEAR ALAN.
Many thanks for your amazingly fast response.your answer appears
to be just what I had though when asking the question.EG an aerial for each
band/s
I only have a small terraced house /back yard.at present I have a post
mounted
vertical for hf...dual band coliner for 2/70cm and Icom ah 7000 for general
vhf/uhf.
I think the answer is ti invest in a commercial long wire for hf and to
experiment more
with the collinear / discone.Again Alan many thanks mate Barrie g4yjs.

BARRIE PARSONS G4YJS

On 28 August 2016 at 14:15, 'Alan' g4zfq@... [FUNcube] <
FUNcube@yahoogroups.co.uk> wrote:

>
>
> Original Message -----
> Subject: [FUNcube] ANTENAE FOR FUNCUBE DONGLE.
>
> >
> >> It is simply which aerial do members use to get effective reception on
> all bands.
> > Using the funcube dongle pro +???
> > I was going to get a new receiver scanner,but thought I would be better
> off
> > spending the money on decent arials,,Many thanks for your advice
>
> Barrie,
>
> All bands means a lot on the FCDP+
> For the amateur bands:-
> Maybe a wire for HF
> Whips for 6, 4, 2m?
> 70cm 1296MHz collinears?
> Various multiband verticals must be available.
> Or a general purpose discone?
> Or do you want horizontal polarisation on VHF? Maybe a beam.
>
> Some above I've tried but the choice is huge.
>
> You are right the antenna makes a radio work.
>

> 73 Alan G4ZFQ
>
>

10078. Re: [FUNcube] ANTENAE FOR FUNCUBE DONGLE.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 13:34:36 UTC
From: jose maria trueba
Topic: 10074 Message: 10078

P.S.
Thinking twice "...three antennas in all will NOT cover well 150KHz to 2GHz".

2016-08-28 15:26 GMT+02:00 jose maria trueba <josemariatrueba@gmail.com>:

> I think that you will need at least a Full Size 160m long Loop (or a just
> a 10m long wire) for HF.
> VHF and UHF will need Log-periodic Yagis or Discones.
> More antennas will be better because a dedicated long beam for the band of
> interest will be needed for satellites, but at least three antennas in all
> will cover well 150KHz to 2GHz.
>
> I read this yesterday (copy-pasted from here http://funcubedongle.pbworks.
> com/w/page/62294509/Sensitivity
>
> Add an Antenna!
>
>
>
> This sounds terribly obvious but sticking a little piece of wire into the
> SMA connector just won't do. I [Elwood Downey] used a calibrated signal
> source and was able to just hear a 1 uV signal at 14 MHz, so you'll need
> some sort of antenna to hear anything more than strong local stations. The
> FCDPP is so wonderfully broadband that no one antenna will work well but a
> single wire about 30 feet long as high as possible should at least let you
> start hearing more signals. Be sure to disconnect it when not in use to
> prevent damage from static discharges.
>
> 2016-08-28 14:57 GMT+02:00 barrieparsons552@...m [FUNcube] <
> FUNcube@...>:
>
>>
>>
>> DEAR GROUP.
>>
>> FIRST OFF THANKS TO ALL FOR THE GROUP.
>>
>> My question may seem pretty simple but I would like the groups input
>> please.
>>
>> It is simply which aerial do members use to get effective reception on
>> all bands.
>>
>> Using the funcube dongle pro +???

>>
>> I was going to get a new receiver scanner,but thought I would be better
>> off
>>
>> spending the money on decent arials,,Many thanks for your advice Barrie
>> g4yjs.
>>
>>
>>
>
>

10079. Re: [FUNcube] ANTENAE FOR FUNCUBE DONGLE.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 14:15:02 UTC
From: barrie parsons
Topic: 10074 Message: 10079

DAR JOSE MARIA.
Many thanks for your speedy response to my question,and OK on your suggestions.
I must admit it is many years since I heard a log periodic ae mentioned a very good suggestion.
Again many thanks I will gladly keep yourself and Alan updated.73 Barrie g4yjs

BARRIE PARSONS G4YJS

On 28 August 2016 at 14:34, jose maria trueba josemariatrueba@... [FUNcube] <FUNcube@...> wrote:

>
>
> P.S.
> Thinking twice "...three antennas in all will NOT cover well 150KHz to
> 2GHz".
>
> 2016-08-28 15:26 GMT+02:00 jose maria trueba <josemariatrueba@...>:
>
>> I think that you will need at least a Full Size 160m long Loop (or a just
>> a 10m long wire) for HF.
>> VHF and UHF will need Log-periodic Yagis or Discones.
>> More antennas will be better because a dedicated long beam for the band
>> of interest will be needed for satellites, but at least three antennas in
>> all will cover well 150KHz to 2GHz.
>>
>> I read this yesterday (copy-pasted from here
>> http://funcubedongle.pbworks.com/w/page/62294509/Sensitivity
>>
>> Add an Antenna!
>>
>>
>>
>> This sounds terribly obvious but sticking a little piece of wire into the
>> SMA connector just won't do. I [Elwood Downey] used a calibrated signal
>> source and was able to just hear a 1 uV signal at 14 MHz, so you'll need
>> some sort of antenna to hear anything more than strong local stations. The
>> FCDPP is so wonderfully broadband that no one antenna will work well but a
>> single wire about 30 feet long as high as possible should at least let you
>> start hearing more signals. Be sure to disconnect it when not in use to
>> prevent damage from static discharges.
>>
>> 2016-08-28 14:57 GMT+02:00 barrieparsons552@gmail.com [FUNcube] <

>> FUNcube@...>:
>>
>>>
>>>
>>> DEAR GROUP.
>>>
>>> FIRST OFF THANKS TO ALL FOR THE GROUP.
>>>
>>> My question may seem pretty simple but I would like the groups input
>>> please.
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>>> It is simply which aerial do members use to get effective reception on
>>> all bands.
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>>> spending the money on decent arials,,Many thanks for your advice Barrie
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>>>
>>
>
>

10080. 434 MHz SSDV Balloon launch + QB50 CubeSats

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 14:18:49 UTC
From: M5AKA
Topic: 10080 Message: 10080

UBSEDS19/20 434 MHz balloons launch from Bristol Aug 29
https://amsat-uk.org/2016/08/26/ubseds19-20-balloons/

Video - First contact via ham radio satellite AO-85
https://amsat-uk.org/2016/08/23/first-contact-ao-85-2e0icl/

Cygnus CRS-7 (OA 7) slated for launch December 30, 2016 carries QB50 CubeSats for deployment from ISS http://space.skyrocket.de/doc_chr/lau2016.htm
https://amsat-uk.org/2015/11/08/je9pel-qb50-cubesat-spreadsheet/

Graham Shirville G3VZV to be next BATC President
https://amsat-uk.org/2016/08/19/graham-shirville-g3vzv-batc-president/

Book - Getting Started with Amateur Satellites 2016 - available from AMSAT-UK shop
https://amsat-uk.org/2016/06/27/getting-started-with-amateur-satellites-2016/

73 Trevor M5AKA----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10081. Re: [FUNcube] ANTENAE FOR FUNCUBE DONGLE.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 14:54:01 UTC
From: jose maria trueba
Topic: 10074 Message: 10081

Dear Barrie,

I wrote what I would like to have for my FCDpp, but still don't have anything dedicated for the dongles except for a portable active 1m long vertical antenna and 1m in diameter ground plane, set up in a tripod to go outside (too much noise inside).

Forgot to mentioned the active Loop Antenna. I think that it must be a very good one for our little and not very sensitive broadband receivers.

Mine is an old surplus laboratory calibrated antenna, but there are good ones from Wellbrooke. Not very cheap, but covering well anything below 30MHz.
All antennas tend to pick up too much noise inside, better up in the clear and best if having an antenna rotator for pointing the null for minimum noise.
http://www.wellbrook.uk.com/.

At home I only have antennas for my transceivers, i.e. for HF a 41m long OCF Dipole, a Tribander beam and a Vertical, a dualband VHF+UHF Vertical, two phased Yagis for 144 and a single one for 432MHz.

Since I already have a rotator, I might get an active loop soon to put it up to the top of the mast.

73,
jose, ea2jx

2016-08-28 16:15 GMT+02:00 barrie parsons barrieparsons552@gmail.com [FUNcube] <FUNcube@...>:

>
>
> DAR JOSE MARIA.
> Many thanks for your speedy response to my question,and OK on your
> suggestions.
> I must admit it is many years since I heard a log periodic ae mentioned a
> very good suggestion.
> Again many thanks I will gladly keep yourself and Alan updated.73 Barrie
> g4yjs
>
> BARRIE PARSONS G4YJS
>
> On 28 August 2016 at 14:34, jose maria trueba josemariatrueba@...
> [FUNcube] <FUNcube@...> wrote:
>

>>
>>
>> P.S.
>> Thinking twice "...three antennas in all will NOT cover well 150KHz to
>> 2GHz".
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>> 2016-08-28 15:26 GMT+02:00 jose maria trueba <josemariatrueba@...>:
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>>> I think that you will need at least a Full Size 160m long Loop (or a
>>> just a 10m long wire) for HF.
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>>> More antennas will be better because a dedicated long beam for the band
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>>> Add an Antenna!
>>>
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>>>
>>> This sounds terribly obvious but sticking a little piece of wire into
>>> the SMA connector just won't do. I [Elwood Downey] used a calibrated
>>> signal source and was able to just hear a 1 uV signal at 14 MHz, so you'll
>>> need some sort of antenna to hear anything more than strong local
>>> stations. The FCDPP is so wonderfully broadband that no one antenna will
>>> work well but a single wire about 30 feet long as high as possible should
>>> at least let you start hearing more signals. Be sure to disconnect it when
>>> not in use to prevent damage from static discharges.
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>>> 2016-08-28 14:57 GMT+02:00 barrieparsons552@... [FUNcube] <
>>> FUNcube@yahoogroups.co.uk>:
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>>>> DEAR GROUP.
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>>>> My question may seem pretty simple but I would like the groups input
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>>>> It is simply which aerial do members use to get effective reception on
>>>> all bands.
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>>>> I was going to get a new receiver scanner,but thought I would be

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>>>> spending the money on decent arials,,Many thanks for your advice Barrie
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10082. Re: [FUNcube] ANTENAE FOR FUNCUBE DONGLE.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 17:24:54 UTC
From: jose maria trueba
Topic: 10074 Message: 10082
Attachments: 1 described; binary payloads are missing from this source WARC

Barrie,

Writing of which broadband antenna for the dongles... There are a lot of discones, scanner antennas, and active vertical and loop antennas out there. Some are very inexpensive. See ebay.

See this guy with great info on how to build your own. He is from your own country. He has been working lately on a good active antenna system working from 100KHz up to 1GHz.
I think that some bulbs able to increase attenuation when RF volts go up and to absorbe a good amount of RF energy (old Drake TR4 had a 6V/1watt bulb) will be needed if antenna is big enough to pick up too much RF power from close distance transmissions (my TX may be 1Kw and tribander at a distance of one meter only). Even if whip is very small... Those two BAT81 diodes might not be powerfull enough. See link and diagram.
http://www.g8jnj.net/activeantennas.htm
[image: Imágenes integradas 1]

2016-08-28 16:54 GMT+02:00 jose maria trueba <josemariatrueba@...>:

> Dear Barrie,
>
> I wrote what I would like to have for my FCDpp, but still don't have
> anything dedicated for the dongles except for a portable active 1m long
> vertical antenna and 1m in diameter ground plane, set up in a tripod to go
> outside (too much noise inside).
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> Forgot to mentioned the active Loop Antenna. I think that it must be a
> very good one for our little and not very sensitive broadband receivers.
>
> Mine is an old surplus laboratory calibrated antenna, but there are good
> ones from Wellbrooke. Not very cheap, but covering well anything below
> 30MHz.
> All antennas tend to pick up too much noise inside, better up in the clear
> and best if having an antenna rotator for pointing the null for minimum
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> two phased Yagis for 144 and a single one for 432MHz.
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> 2016-08-28 16:15 GMT+02:00 barrie parsons barrieparsons552@...
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>> I must admit it is many years since I heard a log periodic ae mentioned a
>> very good suggestion.
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>> BARRIE PARSONS G4YJS
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>> [FUNcube] <FUNcube@yahoogroups.co.uk> wrote:
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>>> 2GHz".
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>>>> More antennas will be better because a dedicated long beam for the band
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>>>> not in use to prevent damage from static discharges.
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>>>> 2016-08-28 14:57 GMT+02:00 barrieparsons552@... [FUNcube] <
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>>>>> Barrie g4yjs.
>>>>>
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>

10083. Re: [FUNcube] ANTENAE FOR FUNCUBE DONGLE.

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-08-28 19:37:01 UTC
From: jose maria trueba
Topic: 10074 Message: 10083

Barrie,

You said decent antennae, didn't you?

See this one;
Seems like the mini-whips and other active antennas must be well installed
to avoid high noise levels. Good grounding, a metal roof and a long coax
with high capacity to ground makes it possible even in a building full of
noise sources.
See tech notes from these people in Nederland running the famous WebSDR at
Twente University, Their active mini-whip antenna makes it a quite receiver!
http://www.pa3fwm.nl/technotes/

73,
jose, ea2jx

My question may seem pretty simple but I would like the groups input please.
>>>>>>
>>>>>> It is simply which aerial do members use to get effective reception
>>>>>> on all bands.
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>>>>>> Using the funcube dongle pro +???
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>>>>>> spending the money on decent arials,,Many thanks for your advice
>>>>>> Barrie g4yjs.
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>

10084. FUNcube-1

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-09-02 17:34:39 UTC
From: Graham Shirville
Topic: 9722 Message: 10084

Hi All,

The transponder on AO73 is now on for the weekend!

73

Graham
G3VZV

10085. Funcube Dongle Pro for sale

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-09-03 12:51:43 UTC
From: Douglas Phelps
Topic: 10085 Message: 10085

I have an original Funcube Pro Dongle still in its delivery box. I am selliung because I need the money for a personal emergency. $150 plus shipping. Please reply directly to me. Offering here before Ebay. Thanks,
DougK9DLP

10086. FUNcube-1 Mode changes

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-09-04 21:24:58 UTC
From: Graham Shirville
Topic: 9743 Message: 10086

Hi All,

Just to report that FUNcube-1, AO73, is now back in autonomous operation. The transponder will be active when the spacecraft is in eclipse during the week.

We expect that we will continue to maintain having the transponder on continuously at the weekends until further notice.

73

Graham
G3VZV

10087. Lunar CubeSats + Indian Launch + BATC Convention Sat Talks

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-09-07 19:33:49 UTC
From: M5AKA
Topic: 10087 Message: 10087

UK CubeSat Forum – Lunar opportunity
https://amsat-uk.org/2016/09/03/uk-cubesat-forum-lunar-opportunity/

AMSAT-NA plan 5 GHz to 10 GHz Lunar Transponder Mission for September 2018
https://amsat-uk.org/2016/09/07/5-ghz-to-10-ghz-lunar-transponder-mission/

Pratham student satellite launches last week of September 2016
https://amsat-uk.org/2016/09/07/pratham-student-satellite/

Video of Portable Satellite Operation Talk by Peter Goodhall 2E0SQL
https://amsat-uk.org/2016/09/07/video-of-portable-satellite-operation-talk/

UK student balloon crosses Pacific
https://amsat-uk.org/2016/09/02/uk-student-balloon-crosses-pacific/

Amateur Satellites at BATC Convention Sept 24-25
https://amsat-uk.org/2016/09/01/batc-convention-sept-24-25/

73 Trevor M5AKA----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10088. FUNcube-1 / AO-73 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-09-18 19:22:12 UTC
From: wouterweg@...
Topic: 10088 Message: 10088

Hi All,

Just to report that FUNcube-1, AO-73, is now back in autonomous operation. The transponder will be active when the spacecraft is in eclipse during the week.

73

Wouter PA3WEG

10089. Amateur Space Comms Talks at RSGB Convention + Pratham Sat

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-09-21 19:05:00 UTC
From: M5AKA
Topic: 10089 Message: 10089

Pratham student satellite launches September 26
https://amsat-uk.org/2016/09/07/pratham-student-satellite/

UK around the world balloon UBSEDS18
https://amsat-uk.org/2016/09/19/ubseds18-around-the-world-balloon/

Amateur Satellite 5.7 GHz LNA for Geosync and Lunar sats
https://amsat-uk.org/2016/09/17/amateur-satellite-5-7-ghz-lna/

AMSAT-India Regional Coordinator Rajesh Vagadia VU2EXP demonstrates amateur radio to 150 students
https://amsat-uk.org/2016/09/11/university-students-amateur-radio/

Inspiring the next STEM generation
https://amsat-uk.org/2016/09/10/inspiring-the-next-stem-generation/

Amateur Space Communication Talks at RSGB Convention
https://amsat-uk.org/2016/09/09/amateur-space-comms-rsgbconv2016/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10090. AlSat-1N and Pratham launch Monday

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-09-25 12:01:17 UTC
From: M5AKA
Topic: 10090 Message: 10090

AlSat-1N and Pratham launch on the Indian ISRO PSLV-C35 mission planned for 0342 GMT on Monday, September 26, 2016, reports are requested.

AlSat-1N Algerian Student and Surrey Space Centre CubeSat - with satellite messages spreadsheet
https://amsat-uk.org/2016/09/24/alsat-1n-pratham-launch/

Pratham student satellite
https://amsat-uk.org/2016/09/07/pratham-student-satellite/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10091. OSCAR News available for D/Load + ISS Transatlantic Reflections G4SWX

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-09-27 18:48:51 UTC
From: M5AKA
Topic: 10091 Message: 10091

Autumn/Fall issue of AMSAT-UK publication OSCAR News now available for members to download
https://amsat-uk.org/2016/09/27/autumn-fall-oscar-news/

PSLV-C35 launch - Signals heard from AlSat-1N but not Pratham
https://amsat-uk.org/2016/09/24/alsat-1n-pratham-launch/

A Dorset radio amateur reports receiving PISAT (2240 MHz) which was also on the PSLV-C35 launch
https://twitter.com/uhf_satcom/status/780808329392168960

Thomas Pesquet KG5FYG / FX0ISS launches on his Proxima mission to the ISS in November.
You can follow ARISS Proxima 30 on Twitter ☐@arissproxima30 https://twitter.com/arissproxima30

Thanks to @F5OEOEvariste & @Raspberry_Pi for making this possible: @ARISS_status video simulation with Raspberry PI
https://arissproxima30en.wordpress.com/2016/09/25/iss-hamtv-simulation-with-raspberry-pi/

VHF antennas all setup for ARISS contact with schools
https://arissproxima30en.wordpress.com/2016/09/25/vhf-antennas-setup-for-ariss-contact-with-schools/

The RSGB have released the video of the John Regnault G4SWX 2015 Convention presentation "Regular 3,000+km Contacts on 144MHz by Meteor Scatter and Tropo". In it he describes how the International Space Station acted as a reflector to enable 144 MHz signals to cross the Atlantic. (RSGB members only)
http://rsgb.org/main/archive/video-archive/rsgb-2015-convention/

Amateur Space Communication Talks at 2016 RSGB Convention Oct 8-9
https://amsat-uk.org/2016/09/09/amateur-space-comms-rsgbconv2016/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10092. FUNcube-1 (AO-73) Mode switching

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-10-23 19:08:47 UTC
From: wouterweg@...
Topic: 10092 Message: 10092

Hi All,

Just to report that FUNcube-1, AO-73, is now back in autonomous operation. The transponder will be active when the spacecraft is in eclipse during the week.

73

Wouter
PA3WEG

10093. IARU Sat Spectrum + ESEO Sat Update

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-10-24 15:18:49 UTC
From: M5AKA
Topic: 10093 Message: 10093

IARU issue Amateur-Satellite Service spectrum requirements
https://amsat-uk.org/2016/10/24/iaru-amateur-satellite-spectrum/

ESEO FM transponder satellite October 2016 Update
https://amsat-uk.org/2016/10/23/eseo-update-october-2016/

ISS Columbus ham radio HT inoperative
https://amsat-uk.org/2016/10/21/iss-columbus-ham-radio-ht-inoperative/

Video - A Geosynchronous Ham Radio Satellite
https://amsat-uk.org/2016/10/15/a-geosynchronous-ham-radio-satellite/

Join AMSAT-UK
https://amsat-uk.org/2016/09/27/autumn-fall-oscar-news/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10094. Re:: FUNcube-1 (AO-73) Mode switching

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-10-28 19:07:52 UTC
From: wouterweg@...
Topic: 10092 Message: 10094

Hi All,

Just to confirm that FC1 is now in continuous transponder mode for the weekend.
Enjoy the transponder!

73
Wouter
PA3WEG

10095. HFsat 21/29 MHz + UBAKUSAT 145/435 Linear Transponder

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-11-02 19:53:46 UTC
From: M5AKA
Topic: 10095 Message: 10095

HFsat will have 21 to 29 MHz transponder
https://amsat-uk.org/2016/11/02/hfsat-will-have-21-to-29-mhz-transponder/

Turkey's UBAKUSAT linear transponder satellite to deploy 2017
https://amsat-uk.org/2016/11/02/ubakusat-linear-transponder-satellite/

Ham radio and ISS in National Geographic film Before Mars
https://amsat-uk.org/2016/10/26/ham-radio-in-national-geographic-film-before-mars/

Raspberry Pi could generate ISS HamTV video
https://amsat-uk.org/2016/10/24/raspberry-pi-iss-hamtv/

IARU issue Amateur-Satellite Service spectrum requirements
https://amsat-uk.org/2016/10/24/iaru-amateur-satellite-spectrum/

Join AMSAT-UK
https://amsat-uk.org/2016/09/27/autumn-fall-oscar-news/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
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YouTube https://youtube.com/AmsatUK

10096. FUNcube-1 operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-11-04 08:47:24 UTC
From: Graham Shirville
Topic: 9778 Message: 10096
Attachments: 1 described; binary payloads are missing from this source WARC

Hi All,

FC1 is having a long weekend in amateur mode ...the transponder is already operational

Have fun

73

Graham

10097. Femtosats + JAXA launch + Spectrum Forum Reports

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-11-08 20:04:53 UTC
From: M5AKA
Topic: 10097 Message: 10097

Radio ham’s Femtosats project wins ISS Design Competition
https://amsat-uk.org/2016/11/07/ham-radio-femtosats-iss-competition/

JAXA to launch satellites with ham radio payloads to ISS
https://amsat-uk.org/2016/11/08/jaxa-iss-ham-radio-cubesats/

Sandringham students’ Amateur Radio project success
https://amsat-uk.org/2016/11/04/sandringham-amateur-radio-project/

RSGB Spectrum Forum Reports Released
https://amsat-uk.org/2016/11/04/rsgb-spectrum-forum-reports-released/

Book - Getting Started with Amateur Satellites 2016 - now in stock
https://amsat-uk.org/2016/06/27/getting-started-with-amateur-satellites-2016/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10098. AO73 - unexpected mode change?

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-11-10 11:47:15 UTC
From: Brian
Topic: 9778 Message: 10098
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Graham,

I noted an unexpected switch into eclipse mode today at about 10:40z in today's second southbound orbit.

As far as I can tell it was not a day to night transition at that time. Or is FC1 enjoying an even longer weekend from Thursday am?

Cheers,

Brian

On 04/11/2016 08:47, 'Graham Shirville' g.shirville@...<mailto:g.shirville@...> [FUNcube] wrote:

Hi All,

FC1 is having a long weekend in amateur mode ...the transponder is already operational[Smile]

Have fun

73

Graham

10099. Re: [FUNcube] AO73 - unexpected mode change?

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-11-10 12:16:17 UTC
From: GRAHAM SHIRVILLE
Topic: 9778 Message: 10099
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Brain,
Well spotted sir!
You are correct - FC1 is having a long weekend so that the many many operators joining the AMSAT-NA Convention on board Carnival Liberty today can have some extra FUN!
Indeed please watch out for further announcement later about even more FUN in space becoming available today.
best 73 from windy Galveston.
Graham

From: "Brian g4bip@hotmail.co.uk [FUNcube]" <FUNcube@...>
To: "FUNcube@yahoogroups.co.uk" <FUNcube@...>
Sent: Thursday, 10 November 2016, 11:47
Subject: [FUNcube] AO73 - unexpected mode change?

Hi Graham,I noted an unexpected switch into eclipse mode today at about 10:40z in today's second southbound orbit.
As far as I can tell it was not a day to night transition at that time. Or is FC1 enjoying an even longer weekend from Thursday am?
Cheers,Brian

On 04/11/2016 08:47, 'Graham Shirville' g.shirville@... [FUNcube] wrote:

Hi All, FC1 is having a long weekend in amateur mode ...the transponder is already operational Have fun 73 Graham

10100. EO79 FUNcube transponder activated + FM transponder sat launched

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-11-10 16:01:57 UTC
From: M5AKA
Topic: 10100 Message: 10100

AMSAT-UK and AMSAT-NL working with ISIS BV are delighted to announce that the FUNcube 435/145 MHz SSB/CW transponder, on the 2U CubeSat QB50p1 (EO79), has now been activated with a regular schedule
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

Middle School Students' FM Transponder Satellite CAS-2T Launched
https://amsat-uk.org/2016/11/10/student-fm-transponder-cubesat/

JAXA to launch six satellites with ham radio payloads to ISS on December 9
https://amsat-uk.org/2016/11/08/jaxa-iss-ham-radio-cubesats/

The book Getting Started with Amateur Satellites 2016 is now in stock at the AMSAT-UK shop
https://amsat-uk.org/2016/06/27/getting-started-with-amateur-satellites-2016/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10101. BY70-1 145/436 Transponder CubeSat launch Dec 26

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-11-25 19:27:04 UTC
From: M5AKA
Topic: 10101 Message: 10101

BY70-1 is a 2U CubeSat with 145.935 to 436.200 MHz transponder planned launch December 26
http://www.amsatuk.me.uk/iaru/formal_detail.php?serialnum=531

Radio ham awarded space achievement honour
https://amsat-uk.org/2016/11/25/radio-ham-awarded-space-achievement-honour/

Lunar Amateur Radio Satellites DSLWP-A1/A2
https://amsat-uk.org/2016/11/18/lunar-amateur-radio-satellites-dslwp-a1a2/

FUNcube-1 / AO73 celebrates 3 years in space
https://amsat-uk.org/2016/11/21/funcube-1-ao73-celebrates-3-years-in-space/

EO79 FUNcube-3 transponder commences regular operation
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

The book Getting Started with Amateur Satellites 2016 is now in stock at the AMSAT-UK shop
https://amsat-uk.org/2016/06/27/getting-started-with-amateur-satellites-2016/

73 Trevor M5AKA

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Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10102. SdrDx 2.17a for OS X and Windows released

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-11-30 11:46:21 UTC
From: fyngyrz@...
Topic: 10102 Message: 10102

SdrDx is free software directly supporting AFEDRI, Andrus,
RFSPACE, and Funcube SDRs. Some other SDRs are supported
indirectly via custom servers and sound cards.

Release highlights: http://fyngyrz.com/?p=2947
Full feature list: http://fyngyrz.com/sdrdxdoc/featlist.html
Documentation: http://fyngyrz.com/sdrdxdoc/sitemap.html
Downloads: http://fyngyrz.com/?p=915
Videos: fyngyrz https://www.youtube.com/user/fyngyrz/videos

https://www.youtube.com/user/fyngyrz/videos

fyngyrz https://www.youtube.com/user/fyngyrz/videos These are short demo videos that showcase one or more aspects of SrdDx, my OS X / Windows SDR software. You can learn more at http://fyngyrz.com/...

View on www.youtube.com https://www.youtube.com/user/fyngyrz/videos
Preview by Yahoo

10103. RE: SdrDx for Windows

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-01 09:20:59 UTC
From: Srinivasan T
Topic: 10102 Message: 10103

Hi There,

I am new to SDRDx. I captured a signal and i want signal identification (WEFAX,etc).

Here is the signal :

1. Recorded RF (16 Bit Baseband PCM)

Download files at : <https://1drv.ms/u/s!AvlNmSqrGlNVgV6nqrsbib8T6PIx>
https://1drv.ms/u/s!AvlNmSqrGlNVgV6nqrsbib8T6PIx

Please let me know.

Regards

Srinivasan T

From: FUNcube@yahoogroups.co.uk [mailto:FUNcube@...]
Sent: Wednesday, 30 November 2016 6:46 PM
To: FUNcube@...
Subject: [FUNcube] SdrDx 2.17a for OS X and Windows released

SdrDx is free software directly supporting AFEDRI, Andrus,
RFSPACE, and Funcube SDRs. Some other SDRs are supported
indirectly via custom servers and sound cards.

Release highlights: http://fyngyrz.com/?p=2947
Full feature list: http://fyngyrz.com/sdrdxdoc/featlist.html
Documentation: http://fyngyrz.com/sdrdxdoc/sitemap.html
Downloads: http://fyngyrz.com/?p=915
Videos: fyngyrz <https://www.youtube.com/user/fyngyrz/videos>

<https://www.youtube.com/user/fyngyrz/videos> image

<https://www.youtube.com/user/fyngyrz/videos> fyngyrz

These are short demo videos that showcase one or more aspects of SrdDx, my OS X / Windows
SDR software. You can learn more at http://fyngyrz.com/...

<https://www.youtube.com/user/fyngyrz/videos> View on www.youtube.com

Preview by Yahoo

10104. School Students’ Tancredo-1 T ubeSat launches Dec 9 + HamTV

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-02 19:58:59 UTC
From: M5AKA
Topic: 10104 Message: 10104

Middle School Students’ Tancredo-1 TubeSat scheduled for launch to ISS Dec 9, deployment Dec 19-21
https://amsat-uk.org/2016/12/02/school-tancredo-1-tubesat/

Receive Pictures from Space – ISS SSTV Dec 8-9 - links for UK and Russian 2m WebSDR's
https://amsat-uk.org/2016/12/02/iss-sstv-dec-8-9/

On HamTV Yahoo Group Daniel Cussen EI9FHB / MI0FHB reports a test of UHF voice radio for use with HamTV from ISS Columbus module on December 8
https://groups.yahoo.com/group/HamTV

Phil Crump M0DNY @philcrump2 reports ARISS-UK HamTV Receiver at Goonhilly UK @goonhillyorg is now operational
https://www.facebook.com/amsatuk/posts/1220525751323805

The book Getting Started with Amateur Satellites 2016 is now in stock at the AMSAT-UK shop
https://amsat-uk.org/2016/06/27/getting-started-with-amateur-satellites-2016/

73 Trevor M5AKA

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Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10105. March launch for CAS-4A/4B Transponder sats + ISS SSTV Today

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-08 11:07:52 UTC
From: M5AKA
Topic: 10105 Message: 10105

Receive Pictures from Space – ISS SSTV Dec 8-9
https://amsat-uk.org/2016/12/02/iss-sstv-dec-8-9/

CAS-4A and CAS-4B to have Ham Radio Linear Transponders
https://amsat-uk.org/2016/12/07/cas-4a-cas-4b-transponder-sats/

Sandringham School aims for space
https://amsat-uk.org/2016/12/05/sandringham-school-aims-for-space/

CubeSats launch to ISS December 9
http://spaceflight101.com/htv-6/htv-6-cargo-overview/
https://amsat-uk.org/2016/12/02/school-tancredo-1-tubesat/

The book Getting Started with Amateur Satellites is available from the AMSAT-UK shop
https://amsat-uk.org/2016/06/27/getting-started-with-amateur-satellites-2016/

73 Trevor M5AKA

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Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10106. UBSEDS21 HAB 145.825 MHz APRS Test

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-09 21:45:38 UTC
From: M5AKA
Topic: 10106 Message: 10106

UK student balloon UBSEDS21 to test 145.825 MHz APRS relay through Amateur Radio packet satellites in remote areas
https://amsat-uk.org/2016/12/09/ubseds21-145-825-aprs/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10107. Account Closure

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-16 11:24:49 UTC
From: m5kvk@...
Topic: 10107 Message: 10107

In view of the continued inability of Yahoo to secure the accounts of it's subscribers, I am resigning from all Yahoo Groups and closing my Yahoo Account with immediate effect. I strongly recommend others to follow suit. I also encourage group owners to find more secure platforms on which to build their communities.

So long, and thanks for all the fish :-)
73

Gareth, M5KVK

10108. Re: [FUNcube] Account Closure

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-16 16:52:24 UTC
From: Alberto I2PHD
Topic: 10107 Message: 10108

On 12/16/2016 12:24 PM, m5kvk@... [FUNcube] wrote:

> In view of the continued inability of Yahoo to secure the accounts of it's subscribers, I am resigning from all Yahoo
> Groups and closing my Yahoo Account with immediate effect. I strongly recommend others to follow suit. I also
> encourage group owners to find more secure platforms on which to build their communities.
>

Why ? You don't need an Yahoo account to read Yahoo groups... I am reading this group using Thunderbird and
my i2phd (at) weaksignals.com email address... group messages are directly sent to my Inbox folder.

--
/*73 Alberto I2PHD*
Credo Ut Intelligam/

10109. Re: [FUNcube] Account Closure

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-16 17:40:22 UTC
From: Dennis Smith
Topic: 10107 Message: 10109

Behind the scenes there is a Yahoo account in your name. Just because you have never logged in to it doesn't mean it's not there. Brian Krebs security blog has a nice write up on this very subject.

Dennis Smith
M1DLG

On 16 Dec 2016 4:53 p.m., "Alberto I2PHD i2phd@... [FUNcube]" <FUNcube@...> wrote:

>
>
> On 12/16/2016 12:24 PM, m5kvk@...g [FUNcube] wrote:
>
> In view of the continued inability of Yahoo to secure the accounts of it's
> subscribers, I am resigning from all Yahoo Groups and closing my Yahoo
> Account with immediate effect. I strongly recommend others to follow suit.
> I also encourage group owners to find more secure platforms on which to
> build their communities.
>
>
> Why ? You don't need an Yahoo account to read Yahoo groups... I am reading
> this group using Thunderbird and
> my i2phd (at) weaksignals.com email address... group messages are
> directly sent to my Inbox folder.
> --
>
> *73 Alberto I2PHD Credo Ut Intelligam*
>
>
>

10110. Re: [FUNcube] Account Closure

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-16 18:17:23 UTC
From: Alberto I2PHD
Topic: 10107 Message: 10110

On 12/16/2016 6:40 PM, Dennis Smith m1dlguk@... [FUNcube] wrote:
>
> Behind the scenes there is a Yahoo account in your name. Just because you have never logged in to it doesn't mean it's
> not there.
> Brian Krebs security blog has a nice write up on this very subject.
>
> Dennis Smith
> M1DLG

Yes, but if that Yahoo account is used only for the initial subscription, not used after that, with a unique password,
not used elsewhere,
what are the dangers ? And, while I haven't tried this, probably if you cancel that Yahoo account after the initial
group registration, the
group messages will continue to arrive to your POP3 (not Yahoo) account.

--
/*73 Alberto I2PHD*
Credo Ut Intelligam/

10111. Re: [FUNcube] Account Closure

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-16 18:50:46 UTC
From: David J Taylor
Topic: 10107 Message: 10111

In view of the continued inability of Yahoo to secure the accounts of it's subscribers, I am resigning from all Yahoo Groups and closing my Yahoo Account with immediate effect. I strongly recommend others to follow suit. I also encourage group owners to find more secure platforms on which to build their communities.

So long, and thanks for all the fish :-)
73
Gareth, M5KVK
=====================================

Somewhat over an over-reaction, I feel, but it's your choice, of course.

As someone who can't stand forums, I'm staying. I value being able to get the responses by e-mail so I can squirrel them away for future use.

73,
David GM8ARV
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...
Twitter: @gm8arv

10112. Satellite APRS balloon over NA + Galileo + Dec 19 ISS CubeSat

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-18 17:28:54 UTC
From: M5AKA
Topic: 10112 Message: 10112

UK student Around-the-World balloon with 434 MHz Contestia and 145.825 MHz APRS crosses Pacific and is now over North America
https://amsat-uk.org/2016/12/09/ubseds21-145-825-aprs/
Real-Time track https://tracker.habhub.org/#!mt=roadmap&mz=2&qm=All&f=UBSEDS21&q=UBSEDS21

ISS CubeSats with Amateur Radio payloads may be deployed from December 19
https://amsat-uk.org/2016/12/02/school-tancredo-1-tubesat/

Galileo GNSS/satnav system now live. Read the Peter Blair G3LTF 2006 paper on the 1260-1300 MHz downlink
http://www.southgatearc.org/articles/galileo.htm

Satellite launches planned for end of December
- BY70-1 FM transponder satellite from Taiyuan Satellite Launch Center (TSLC) December 26
- CubeSats from Jiuquan Satellite Launch Center (JSLC) December 31? Anyone know what the CubeSats are?

The book Getting Started with Amateur Satellites is available from the AMSAT-UK shop
https://amsat-uk.org/2016/06/27/getting-started-with-amateur-satellites-2016/

73 Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

10113. Special AO73 YOTA Fitter message + Student UBSEDS21 Balloon

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-21 12:50:05 UTC
From: M5AKA
Topic: 10113 Message: 10113

Look out for the special Fitter message today from the FUNcube-1 AO73 satellite to the 6th Staines Scouts, Cubs and Beavers who are hosting GB16YOTA for Youngsters On The Air Month.

If you see it Tweet it back to the Chertsey Radio Club @chertseyRC

Youngsters On The Air with Chertsey Radio Club
https://www.facebook.com/amsatuk/photos/a.555434137832973.1073741826.208113275898396/1244757552233958/?type=3&theater

Newspaper report on Pratham student satellite returning to life
https://amsat-uk.org/2016/12/20/pratham-returns-to-life/

Keep tracking the UK student Around-The-World balloon UBSEDS21 434MHz + APRS now approaching the final leg of it's journey
https://amsat-uk.org/2016/12/09/ubseds21-145-825-aprs/

73 Trevor M5AKA

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Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10114. receiving APT - Noaa weather images

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-21 20:25:06 UTC
From: roland-fechter@...
Topic: 10114 Message: 10114

Hello to you all !
May I ask you for your kind advice.
I have a Funcube PRO dongle. Also the Multipsk Software which includes the APT mode.
I am a bit "lost" with finding the correct settings.
Could you help me ?
Thanks in advance.
Regards,
Roland

10115. Re: [FUNcube] receiving APT - Noaa weather images

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-22 21:51:33 UTC
From: Siegfried Jackstien
Topic: 10114 Message: 10115

roland

use wx2img for receiving the weather pictures from noaa (easier and
better to use for weather pictures in my view)

use hdsdr for sdrsoft (my major workhorse for sdr work)

use orbitron for tracking qrg (tuning out doppler effect) via dde link

greetz

sigi dg9bfc

Am 21.12.2016 um 20:25 schrieb roland-fechter@... [FUNcube]:
>
> Hello to you all !
>
> May I ask you for your kind advice.
>
> I have a Funcube PRO dongle. Also the Multipsk Software which includes
> the APT mode.
>
> I am a bit "lost" with finding the correct settings.
>
> Could you help me ?
>
> Thanks in advance.
>
> Regards,
>
> Roland
>
>

10116. Re:: Re: [FUNcube] receiving APT - Noaa weather images

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-23 09:31:08 UTC
From: roland-fechter@...
Topic: 10114 Message: 10116

Thank you very much !
Still one more question
When using the Funcube plus Wxtoimg how can I achieve an
AUTOMATIC shifting between the various Noaas
I understand Wxtoimg does not recognize the funcube as a receiver
and hence does not shift. Say once noaa 18 is through there comes
noaa 15. With using a "true "receiver no problem.
But with the funcube no way ?!
Thanks in advance,
Frohe Weihnachten!
Roland

10117. Re: : Re: [FUNcube] receiving APT - Noaa weather images

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-23 11:06:45 UTC
From: Alan
Topic: 10114 Message: 10117

On 23/12/2016 09:31, roland-fechter@... [FUNcube] wrote:
>
> When using the Funcube plus Wxtoimg how can I achieve an
>
> AUTOMATIC shifting between the various Noaas
>
Roland,
Then you must setup the FCD with an SDR program like HDSDR.
Then HDSDR and the FCD become a radio controlled by CAT. (Kenwood TS50.)

73 Alan G4ZFQ

10118. Re: : Re: [FUNcube] receiving APT - Noaa weather images

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-23 13:04:54 UTC
From: Siegfried Jackstien
Topic: 10114 Message: 10118

hello roland

in tracking software orbitron is an option that a new sat over horizon
also sets new frequency

so if all properly set the fcdpp will change to new sat when it comes in
sight

you have to check your passes for the next day if they overlap (if that
is the case then a new sat will stop an already ongoing receive/pass)

if they do not overlap (or not that much) then you can filter out the
new sat if you say just use passes over xy degrees (then a flatt pass
will not stop an already ongoing receiving session righ above your head)

....

when all is set you can drive at work and when back at home in the
evening watch your own produced weather forecast film with setting the
pictures together :-)

frohes fest :-)

dg9bfc sigi

Am 23.12.2016 um 09:31 schrieb roland-fechter@... [FUNcube]:
>
> Thank you very much !
>
> Still one more question
>
> When using the Funcube plus Wxtoimg how can I achieve an
>
> AUTOMATIC shifting between the various Noaas
>
> I understand Wxtoimg does not recognize the funcube as a receiver
>
> and hence does not shift. Say once noaa 18 is through there comes
>
> noaa 15. With using a "true "receiver no problem.
>
> But with the funcube no way ?!
>
> Thanks in advance,
>
> Frohe Weihnachten!
>

> Roland
>
>
>

10119. Re: [FUNcube] receiving APT - Noaa weather images

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-23 13:21:44 UTC
From: Siegfried Jackstien
Topic: 10114 Message: 10119

heööo roland

so here is a cookbook

what is needed?

http://www.stoff.pl/orbitron/files/orbitron.exe

(main sat tracking soft)

http://www.stoff.pl/orbitron/files/mydde.zip

(driver that connects hdsdr with orbitron)

http://www.hdsdr.de/download/HDSDR275b3_install.exe

(sdr software hdsdr)

http://www.wxtoimg.com/beta/wxinst21102-beta.exe

(latest beta version of wx2img)

.....

now you have all needed parts

hth

dg9bfc

sigi

Am 21.12.2016 um 20:25 schrieb roland-fechter@... [FUNcube]:
>
> Hello to you all !
>
> May I ask you for your kind advice.
>
> I have a Funcube PRO dongle. Also the Multipsk Software which includes
> the APT mode.
>
> I am a bit "lost" with finding the correct settings.
>
> Could you help me ?
>
> Thanks in advance.
>
> Regards,
>

> Roland
>
>

10120. New OSCAR News features JY1Sat + UBSEDS21 + BY70-1

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-23 17:32:48 UTC
From: M5AKA
Topic: 10120 Message: 10120

The new Jordanian CubeSat JY1Sat with FUNcube linear transponder and camera to transmit images features in the latest edition of OSCAR News now available for AMSAT-UK members to download
https://amsat-uk.org/2016/12/23/winter-oscar-news-2016/

The FUNcube team have announced that the AO-73 satellite will be in continuous transponder mode until 2017 GMT on January 8
https://amsat-uk.org/satellites/communications/funcube-1/

BY70-1 a 2U CubeSat with 145.935 to 436.200 MHz FM transponder launches December 26, 2016 http://www.amsatuk.me.uk/iaru/formal_detail.php?serialnum=531

The UK Bristol student Around-The-World solar powered balloon UBSEDS21 with 434MHz and APRS has completed its first circumnavigation of the globe and is currently over Spain
https://amsat-uk.org/2016/12/09/ubseds21-145-825-aprs/

Merry Christmas
Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10121. Re: : Re: [FUNcube] receiving APT - Noaa weather images

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-24 16:12:36 UTC
From: Ed Krome
Topic: 10114 Message: 10121

Sigi
This may be somewhat off topic but you apparently know WXTOIMG quite well. I am trying to use it with an Icom R7000 receiver where the software will automatically set the frequency for a satellite that comes above the horizon. The problem appears to be having the correct address for the radio through the CI-V interface. WXTOIMG allows baud rate to be set but there is no obvious way to change the address. I have looked through every plain language file in WXTOIMG but can find nothing that relates to any radio. Would you happen to know what I need to do to change the ci-v address?
Also, thank you for the tutorial on using Orbitron with the FCD p+ to do the same. I will try that when we get home; we are now with 5 grandchildren for Christmas

Froelich weinachten!

Ed Krome K9EK
Sent from my iPhone

> On Dec 23, 2016, at 7:04 AM, Siegfried Jackstien siegfried.jackstien@... [FUNcube] <FUNcube@...> wrote:
>
> hello roland
>
> in tracking software orbitron is an option that a new sat over horizon also sets new frequency
>
> so if all properly set the fcdpp will change to new sat when it comes in sight
>
> you have to check your passes for the next day if they overlap (if that is the case then a new sat will stop an already ongoing receive/pass)
>
> if they do not overlap (or not that much) then you can filter out the new sat if you say just use passes over xy degrees (then a flatt pass will not stop an already ongoing receiving session righ above your head)
>
> ....
>
> when all is set you can drive at work and when back at home in the evening watch your own produced weather forecast film with setting the pictures together :-)
>
> frohes fest :-)
>
> dg9bfc sigi
>
>
>
> Am 23.12.2016 um 09:31 schrieb roland-fechter@... [FUNcube]:
>>

>> Thank you very much !
>>
>> Still one more question
>>
>> When using the Funcube plus Wxtoimg how can I achieve an
>>
>> AUTOMATIC shifting between the various Noaas
>>
>> I understand Wxtoimg does not recognize the funcube as a receiver
>>
>> and hence does not shift. Say once noaa 18 is through there comes
>>
>> noaa 15. With using a "true "receiver no problem.
>>
>> But with the funcube no way ?!
>>
>> Thanks in advance,
>>
>> Frohe Weihnachten!
>>
>> Roland
>>
>>
>
>

10122. Re: : Re: [FUNcube] receiving APT - Noaa weather images

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-24 21:13:53 UTC
From: Siegfried Jackstien
Topic: 10114 Message: 10122

hmmm ... i do not even know that wx2img can control an r7000 ...

i us wxtoimg only for decoding

frequency is set in hdsdr (via dde link from orbitron)

rx used is fcdpp (or an rtl dongle)

i never used it with an external receiver so can not help you with that

but ... on shortwave i synced fcdpp and external rig via omnirig driver

and that is an icom 765 ...(using its standard civ address)

so ...

check if there exist a driver for your rig in omnirig package

hth

dg9bfc sigi

ps merry xmas

Am 24.12.2016 um 16:12 schrieb Ed Krome e.krome@... [FUNcube]:
> Sigi
> This may be somewhat off topic but you apparently know WXTOIMG quite
> well. I am trying to use it with an Icom R7000 receiver where the
> software will automatically set the frequency for a satellite that
> comes above the horizon. The problem appears to be having the correct
> address for the radio through the CI-V interface. WXTOIMG allows baud
> rate to be set but there is no obvious way to change the address. I
> have looked through every plain language file in WXTOIMG but can find
> nothing that relates to any radio. Would you happen to know what I
> need to do to change the ci-v address?
> Also, thank you for the tutorial on using Orbitron with the FCD p+ to
> do the same. I will try that when we get home; we are now with 5
> grandchildren for Christmas
>
> Froelich weinachten!
>
> Ed Krome K9EK
> Sent from my iPhone
>
> On Dec 23, 2016, at 7:04 AM, Siegfried Jackstien
> siegfried.jackstien@... <mailto:siegfried.jackstien@...>
> [FUNcube] <FUNcube@...
> <mailto:FUNcube@...>> wrote:

>
>> hello roland
>>
>> in tracking software orbitron is an option that a new sat over
>> horizon also sets new frequency
>>
>> so if all properly set the fcdpp will change to new sat when it comes
>> in sight
>>
>> you have to check your passes for the next day if they overlap (if
>> that is the case then a new sat will stop an already ongoing
>> receive/pass)
>>
>> if they do not overlap (or not that much) then you can filter out the
>> new sat if you say just use passes over xy degrees (then a flatt pass
>> will not stop an already ongoing receiving session righ above your head)
>>
>> ....
>>
>> when all is set you can drive at work and when back at home in the
>> evening watch your own produced weather forecast film with setting
>> the pictures together :-)
>>
>> frohes fest :-)
>>
>> dg9bfc sigi
>>
>>
>>
>> Am 23.12.2016 um 09:31 schrieb roland-fechter@... [FUNcube]:
>>>
>>> Thank you very much !
>>>
>>> Still one more question
>>>
>>> When using the Funcube plus Wxtoimg how can I achieve an
>>>
>>> AUTOMATIC shifting between the various Noaas
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>>> I understand Wxtoimg does not recognize the funcube as a receiver
>>>
>>> and hence does not shift. Say once noaa 18 is through there comes
>>>
>>> noaa 15. With using a "true "receiver no problem.
>>>
>>> But with the funcube no way ?!
>>>
>>> Thanks in advance,
>>>
>>> Frohe Weihnachten!

>>>
>>> Roland
>>>
>>>
>>
>

10123. Re: : Re: [FUNcube] receiving APT - Noaa weather images

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-25 01:06:16 UTC
From: Ed K9EK
Topic: 10114 Message: 10123

Sigi: Yes, I can make FCD and SDRplay work through other programs, but I was trying to make it all happen with a single piece of software. WXTOIMG easily controls an FT817 (which works OK on wxsat in spite of narrow bandwidth). I read the users manual in detail today and found the info I was looking for but it is in a complied file that I cannot modify. May be possible through command line but that's a bit beyond right now. Thanks for your input and sorry to burden the .bb with this. Regards, Ed K9EK ----- Original Message ----- From: "Siegfried Jackstien siegfried.jackstien@... [FUNcube]" To: FUNcube@... Sent: Saturday, December 24, 2016 4:13:53 PM Subject: Re: : Re: [FUNcube] receiving APT - Noaa weather images hmmm ... i do not even know that wx2img can control an r7000 ... i us wxtoimg only for decoding frequency is set in hdsdr (via dde link from orbitron) rx used is fcdpp (or an rtl dongle) i never used it with an external receiver so can not help you with that but ... on shortwave i synced fcdpp and external rig via omnirig driver and that is an icom 765 ...(using its standard civ address) so ... check if there exist a driver for your rig in omnirig package hth dg9bfc sigi ps merry xmas Am 24.12.2016 um 16:12 schrieb Ed Krome e.krome@comcast.net [FUNcube]: Sigi This may be somewhat off topic but you apparently know WXTOIMG quite well. I am trying to use it with an Icom R7000 receiver where the software will automatically set the frequency for a satellite that comes above the horizon. The problem appears to be having the correct address for the radio through the CI-V interface. WXTOIMG allows baud rate to be set but there is no obvious way to change the address. I have looked through every plain language file in WXTOIMG but can find nothing that relates to any radio. Would you happen to know what I need to do to change the ci-v address? Also, thank you for the tutorial on using Orbitron with the FCD p+ to do the same. I will try that when we get home; we are now with 5 grandchildren for Christmas Froelich weinachten! Ed Krome K9EK Sent from my iPhone On Dec 23, 2016, at 7:04 AM, Siegfried Jackstien siegfried.jackstien@... [FUNcube] < FUNcube@... > wrote:
hello roland in tracking software orbitron is an option that a new sat over horizon also sets new frequency so if all properly set the fcdpp will change to new sat when it comes in sight you have to check your passes for the next day if they overlap (if that is the case then a new sat will stop an already ongoing receive/pass) if they do not overlap (or not that much) then you can filter out the new sat if you say just use passes over xy degrees (then a flatt pass will not stop an already ongoing receiving session righ above your head) .... when all is set you can drive at work and when back at home in the evening watch your own produced weather forecast film with setting the pictures together :-) frohes fest :-) dg9bfc sigi Am 23.12.2016 um 09:31 schrieb roland-fechter@t-online.de [FUNcube]:
Thank you very much ! Still one more question When using the Funcube plus Wxtoimg how can I achieve an AUTOMATIC shifting between the various Noaas I understand Wxtoimg does not recognize the funcube as a receiver and hence does not shift. Say once noaa 18 is through there comes noaa 15. With using a "true "receiver no problem. But with the funcube no way ?! Thanks in advance, Frohe Weihnachten! Roland

10124. Re: : Re: [FUNcube] receiving APT - Noaa weather images

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-25 12:11:42 UTC
From: Siegfried Jackstien
Topic: 10114 Message: 10124

hmm wx2img can control 817??? where did you find that ... how does it
works???

dg9bfc sigi

merry xmas and hny

Am 25.12.2016 um 01:06 schrieb Ed K9EK e.krome@... [FUNcube]:
> Sigi:
> Yes, I can make FCD and SDRplay work through other programs, but I was
> trying to make it all happen with a single piece of software. WXTOIMG
> easily controls an FT817 (which works OK on wxsat in spite of narrow
> bandwidth). I read the users manual in detail today and found the info
> I was looking for but it is in a complied file that I cannot modify.
> May be possible through command line but that's a bit beyond right
> now. Thanks for your input and sorry to burden the .bb with this.
> Regards,
> Ed K9EK
>
> ---
> *From: *"Siegfried Jackstien siegfried.jackstien@... [FUNcube]"
> <FUNcube@...>
> *To: *FUNcube@...
> *Sent: *Saturday, December 24, 2016 4:13:53 PM
> *Subject: *Re: : Re: [FUNcube] receiving APT - Noaa weather images
>
>
> hmmm ... i do not even know that wx2img can control an r7000 ...
>
> i us wxtoimg only for decoding
>
> frequency is set in hdsdr (via dde link from orbitron)
>
> rx used is fcdpp (or an rtl dongle)
>
> i never used it with an external receiver so can not help you with that
>
> but ... on shortwave i synced fcdpp and external rig via omnirig driver
>
> and that is an icom 765 ...(using its standard civ address)
>
> so ...
>
> check if there exist a driver for your rig in omnirig package
>
> hth

>
> dg9bfc sigi
>
> ps merry xmas
>
>
> Am 24.12.2016 um 16:12 schrieb Ed Krome e.krome@... [FUNcube]:
>
> Sigi
> This may be somewhat off topic but you apparently know WXTOIMG
> quite well. I am trying to use it with an Icom R7000 receiver
> where the software will automatically set the frequency for a
> satellite that comes above the horizon. The problem appears to be
> having the correct address for the radio through the CI-V
> interface. WXTOIMG allows baud rate to be set but there is no
> obvious way to change the address. I have looked through every
> plain language file in WXTOIMG but can find nothing that relates
> to any radio. Would you happen to know what I need to do to change
> the ci-v address?
> Also, thank you for the tutorial on using Orbitron with the FCD p+
> to do the same. I will try that when we get home; we are now with
> 5 grandchildren for Christmas
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> Froelich weinachten!
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> Ed Krome K9EK
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> On Dec 23, 2016, at 7:04 AM, Siegfried Jackstien
> siegfried.jackstien@...
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> <FUNcube@... <mailto:FUNcube@...>> wrote:
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> horizon also sets new frequency
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> so if all properly set the fcdpp will change to new sat when
> it comes in sight
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> you have to check your passes for the next day if they overlap
> (if that is the case then a new sat will stop an already
> ongoing receive/pass)
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> if they do not overlap (or not that much) then you can filter
> out the new sat if you say just use passes over xy degrees
> (then a flatt pass will not stop an already ongoing receiving
> session righ above your head)

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> ....
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> when all is set you can drive at work and when back at home in
> the evening watch your own produced weather forecast film with
> setting the pictures together :-)
>
> frohes fest :-)
>
> dg9bfc sigi
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>
>
> Am 23.12.2016 um 09:31 schrieb roland-fechter@...
> [FUNcube]:
>
> Thank you very much !
>
> Still one more question
>
> When using the Funcube plus Wxtoimg how can I achieve an
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> AUTOMATIC shifting between the various Noaas
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> I understand Wxtoimg does not recognize the funcube as a
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> and hence does not shift. Say once noaa 18 is through
> there comes
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> noaa 15. With using a "true "receiver no problem.
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> But with the funcube no way ?!
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> Thanks in advance,
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> Frohe Weihnachten!
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> Roland
>
>
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>
>
>

10125. Re: : Re: [FUNcube] receiving APT - Noaa weather images

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-25 22:18:38 UTC
From: Ed K9EK
Topic: 10114 Message: 10125

Sigi: Go to options>recording options. Lots of choices of different radios. I use a dedicated cable with FTDI chip for FT817. Once you get the right com port and speed, works just fine. Automatically changes frequency of radio as satellite comes above specified horizon. Changes frequency to compensate for Doppler, too. Will control rotors as well. Useful. Gets reasonably good pictures with FT817, which I would not have expected given it's too-narrow IF bandwidth. Try it. 73 Ed K9EK ----- Original Message ----- From: "Siegfried Jackstien siegfried.jackstien@... [FUNcube]" To: FUNcube@... Sent: Sunday, December 25, 2016 7:11:42 AM Subject: Re: : Re: [FUNcube] receiving APT - Noaa weather images hmm wx2img can control 817??? where did you find that ... how does it works??? dg9bfc sigi merry xmas and hny Am 25.12.2016 um 01:06 schrieb Ed K9EK e.krome@... [FUNcube]: Sigi: Yes, I can make FCD and SDRplay work through other programs, but I was trying to make it all happen with a single piece of software. WXTOIMG easily controls an FT817 (which works OK on wxsat in spite of narrow bandwidth). I read the users manual in detail today and found the info I was looking for but it is in a complied file that I cannot modify. May be possible through command line but that's a bit beyond right now. Thanks for your input and sorry to burden the .bb with this. Regards, Ed K9EK ----- Original Message ----- From: "Siegfried Jackstien siegfried.jackstien@... [FUNcube]" To: FUNcube@... Sent: Saturday, December 24, 2016 4:13:53 PM Subject: Re: : Re: [FUNcube] receiving APT - Noaa weather images hmmm ... i do not even know that wx2img can control an r7000 ... i us wxtoimg only for decoding frequency is set in hdsdr (via dde link from orbitron) rx used is fcdpp (or an rtl dongle) i never used it with an external receiver so can not help you with that but ... on shortwave i synced fcdpp and external rig via omnirig driver and that is an icom 765 ...(using its standard civ address) so ... check if there exist a driver for your rig in omnirig package hth dg9bfc sigi ps merry xmas Am 24.12.2016 um 16:12 schrieb Ed Krome e.krome@... [FUNcube]:
Sigi This may be somewhat off topic but you apparently know WXTOIMG quite well. I am trying to use it with an Icom R7000 receiver where the software will automatically set the frequency for a satellite that comes above the horizon. The problem appears to be having the correct address for the radio through the CI-V interface. WXTOIMG allows baud rate to be set but there is no obvious way to change the address. I have looked through every plain language file in WXTOIMG but can find nothing that relates to any radio. Would you happen to know what I need to do to change the ci-v address? Also, thank you for the tutorial on using Orbitron with the FCD p+ to do the same. I will try that when we get home; we are now with 5 grandchildren for Christmas Froelich weinachten! Ed Krome K9EK Sent from my iPhone On Dec 23, 2016, at 7:04 AM, Siegfried Jackstien siegfried.jackstien@... [FUNcube] < FUNcube@... > wrote:
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Thank you very much ! Still one more question When using the Funcube plus Wxtoimg how can I achieve an AUTOMATIC shifting between the various Noaas I understand Wxtoimg does not recognize the funcube as a receiver and hence does not shift. Say once noaa 18 is through there comes noaa 15. With using a "true "receiver no problem. But with the funcube no way ?! Thanks in advance, Frohe Weihnachten! Roland

10126. Re: : Re: [FUNcube] receiving APT - Noaa weather images

Yahoo group: FUNcube (2015 — 2018)
Date: 2016-12-26 10:16:10 UTC
From: Siegfried Jackstien
Topic: 10114 Message: 10126

hmmm ... lots of different radios??

here is my list

apt 06

apt 06ad

emgo

geopic

rx2

r2fx

r2zx

.....thats it

no ham radio rig in the list ... so how to find out what to use???

or is there a ham radio list / driver somewhere available (to add more radio definitions to the soft)???

THAT is the reason why i used orbitron for tracking .... never had an idea or figured out how wx2img could control a ham rigs frequency .... so please could you help me with that??

or is there a way to add own radio definitions??? (then you only have to find out the cat commands needed for your rig)

merry xmas

dg9bfc sigi

Am 25.12.2016 um 22:18 schrieb Ed K9EK e.krome@... [FUNcube]:
> Sigi:
> Go to options>recording options. Lots of choices of different
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> the right com port and speed, works just fine. Automatically changes
> frequency of radio as satellite comes above specified horizon. Changes
> frequency to compensate for Doppler, too. Will control rotors as well.
> Useful.
> Gets reasonably good pictures with FT817, which I would not have
> expected given it's too-narrow IF bandwidth.
> Try it.
>
> 73

> Ed K9EK
>
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> *From: *"Siegfried Jackstien siegfried.jackstien@... [FUNcube]"
> <FUNcube@...>
> *To: *FUNcube@...
> *Sent: *Sunday, December 25, 2016 7:11:42 AM
> *Subject: *Re: : Re: [FUNcube] receiving APT - Noaa weather images
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> dg9bfc sigi
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> Am 25.12.2016 um 01:06 schrieb Ed K9EK e.krome@... [FUNcube]:
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> [FUNcube]:
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> When using the Funcube plus Wxtoimg how can I achieve an
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> and hence does not shift. Say once noaa 18 is through
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> But with the funcube no way ?!
>
> Thanks in advance,
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> Frohe Weihnachten!

>
> Roland
>
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>

10127. Small Sat SDR Paper + Outernet + BY70-1

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-01-12 20:51:04 UTC
From: M5AKA
Topic: 10127 Message: 10127

Mamatha R. Maheshwarappa 2E0CZO has released her paper “Improvements in CPU & FPGA Performance for Small Satellite SDR Applications”
https://amsat-uk.org/2017/01/10/small-satellite-sdr-paper/

BY70-1 FM transponder contact video
https://amsat-uk.org/2016/12/30/by70-1-fm-transponder-contact/

Chertsey Radio Club article - Getting started with FM satellites
http://chertseyradioclub.blogspot.co.uk/2017/01/getting-started-with-fm-satellites.html

Video of Daniel Estévez EA4GPZ / M0HXM talk - Reverse Engineering the Outernet - at Chaos Communication Congress #33c3
http://www.southgatearc.org/news/2017/january/reverse-engineering-%20the-outernet.htm
Blog update http://destevez.net/2017/01/updated-format-for-outernet-ldp-protocol/

ITF-2 CubeSat 437.525 MHz to deploy from ISS Monday
https://www.facebook.com/amsatuk/posts/1269720816404298

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10128. AlSat-1N image + ISS CubeSats + AMSAT-UK Colloquium + Phase 4

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-01-14 17:13:04 UTC
From: M5AKA
Topic: 10128 Message: 10128

Six CubeSats to Deploy from ISS Monday, January 16
https://amsat-uk.org/2017/01/14/six-cubesats-to-deploy-from-iss/

AMSAT Phase 4B video report N4HY and KJ4QLP
http://www.southgatearc.org/news/2017/january/amsat-phase-4-video-report.htm

Chris Bridges M0IEB @DrChrisBridges reports AlSat-1N CubeSat image received
2 x Groundstations + 210 kB/day throughput over 9K6 G3RUH link = 1.328 MB RGB image
https://www.facebook.com/amsatuk/posts/1267028420006871

Sandringham School students High Altitude Balloon project #sandHABflight
https://www.facebook.com/amsatuk/photos/a.555434137832973.1073741826.208113275898396/1270788916297488/?type=3

David Crump G8GKQ @davegkq and Noel Matthews @G8GTZ attended the Es'Hail 2 Phase 4A Geostationary Amateur Radio transponder meeting at Bochum
https://www.facebook.com/amsatuk/posts/1271327429576970

2017 AMSAT-UK International Space Colloquium
https://amsat-uk.org/2017/01/13/2017-amsat-uk-colloquium/

73 Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10129. Re: FUNcube-1 operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-01-20 18:27:08 UTC
From: Graham Shirville
Topic: 9778 Message: 10129
Attachments: 1 described; binary payloads are missing from this source WARC

Hi All,

FC1 is now in amateur mode ...the transponder is operational

Have fun

73

Graham

10130. QB50 CubeSat Freqs + SmallSat issue SatMagazine

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-01 21:37:03 UTC
From: M5AKA
Topic: 10130 Message: 10130

QB50 Mission – CubeSat downlink frequency details
https://amsat-uk.org/2017/02/01/qb50-mission-downlink-frequency-details/

The World of SmallSats - Special SmallSat Symposium Issue of SatMagazine
http://www.satmagazine.com/
Download link http://www.satmagazine.com/download.php

AMSAT-UK Colloquium 2008-2012 Videos
https://amsat-uk.org/2017/01/18/amsat-uk-colloquium-2008-2012-videos/

2017 AMSAT-UK International Space Colloquium October 14-15
https://amsat-uk.org/2017/01/13/2017-amsat-uk-colloquium/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10131. AO73/FUNcube-1 weekend Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-03 18:29:07 UTC
From: Graham Shirville
Topic: 10131 Message: 10131

Hi All,

Just to confirm that AO73 / FUNcube-1 is in full time amateur mode for the weekend as usual.

Please enjoy using this transponder and also the FUNcube-2 and EO79/FUNcube-3 transponders as well.

73

Graham
G3VZV

10132. FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-05 21:29:32 UTC
From: Graham Shirville
Topic: 9912 Message: 10132

Hi All,

Just to report that FUNcube-1 is now back in autonomous mode as described below!
73

Graham
G3VZV

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, eg Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

The nominal transponder frequencies are:
Uplink: 435.150 - 435.130 MHz LSB (Inverting)

Downlink: 145.950 - 145.970 MHz USB

Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Low temperatures give higher freqs!)

FUNcube-2 aka FUNcube on UKube

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with

about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it

does correctly decode the data and uploads it to the FUNcube Data Warehouse from where

it can be examined. Most of the real time data channels are operational and these include

battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter

sends its CW beacon and, occasionally, for a few seconds when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:

Uplink: 435.080 - 435.060 MHz LSB (Inverting)

Downlink: 145.930 - 145.950 MHz USB

Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79 FUNcube-3

Due to power budget constraints the transponder cannot be operational 24/7 and an orbit specific schedule has been developed. The transponder will commence operation 27 minutes after the spacecraft enters sunlight and will stay on for a period of 25 minutes. This schedule may be modified in future months as a result of experience.

The nominal transponder frequencies are:

Uplink: 435.0723-435.0473 MHz LSB (Inverting)

Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:

https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very grateful for the assistance given by Innovative Solution In Space Bv, The Netherlands.

10133. Warehouse Register

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-08 12:15:34 UTC
From: lw2dtz@...
Topic: 10133 Message: 10133

Hello,

I' ve tried without sucess to register in the funcube's warehouse soft, I can't get the register code.

Any help is wellcome.

73 LW2DTZ, Gustavo.

10134. Nayif-1 + ISS SSTV + Uni CubeSat Opportunity

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-08 15:37:36 UTC
From: M5AKA
Topic: 10134 Message: 10134

Nayif-1 CubeSat Launch Announced
https://amsat-uk.org/2017/02/08/nayif-1-launch-announced/

ISILaunch Services Blog
http://blog.isilaunch.com/category/isilaunch17/

MBRSC and AUS Announce launch of Nayif-1
http://m.dubaiprnetwork.com/pr.asp?pr=118386

Receive Pictures from Space – ISS SSTV Feb 13-14
https://amsat-uk.org/2017/02/07/receive-pictures-from-space-iss-sstv-feb-13-14/

Tancredo-1 TubeSat Video
https://amsat-uk.org/2017/02/02/tancredo-1-tubesat-video/

International Space Colloquium Oct 14-15 – First Call for Speakers
https://amsat-uk.org/2017/02/03/international-space-colloquium-first-call-for-speakers/

UK Space Agency tweets "Calling university students: @esa is offering a new opportunity to build and test your own #CubeSats"
The Fly Your Satellite! program open to support University #CubeSat teams. Launch opportunities from #ISS envisioned
http://www.esa.int/Education/CubeSats_-_Fly_Your_Satellite/Current_call

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10135. Trouble Installing FCDPro+ on WIN8

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-12 15:29:14 UTC
From: marcel.jost@...
Topic: 10135 Message: 10135

Hi Folks,

i want to use my FCDPRo+ with a new Laptop. I am in Trouble. Windows regocnize the FCD V2.0, installs all and everything. But then: Nothing. As i want to update the device in Downloaded the FCHid003 and started. It comes out with:

HIDOpen of Vid_04d8&Pid_fb56 returns 0
Error, FCD not found: is FCD correctly installed?

The strange point: Windoes can "See" the FCD!!!

I am using an AMD A6-5200 APU, 2GHz, 4 GB RAM, 64 Bit Windows 8.

What i am doing wrong?

Thanks for your help!
-Marcel (DD7ZX)-

10136. Re: [FUNcube] Trouble Installing FCDPro+ on WIN8

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-12 17:08:25 UTC
From: Alan
Topic: 10135 Message: 10136

On 12/02/2017 15:29, marcel.jost@... [FUNcube] wrote:
> i want to use my FCDPRo+ with a new Laptop. I am in Trouble. Windows
> regocnize the FCD V2.0, installs all and everything. But then:
> Nothing. As i want to update the device in Downloaded the FCHid003 and
> started. It comes out with:
>
> HIDOpen of Vid_04d8&Pid_fb56 returns 0
> Error, FCD not found: is FCD correctly installed?
>
> The strange point: Windoes can "See" the FCD!!!
>
Marcel,

This might be a USB problem. Newer computers sometimes do not properly
support USB1.
Try all the sockets.
Try a compatible hub.

73 Alan G4ZFQ

10137. Nayif-1 Dashboard

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-12 17:33:00 UTC
From: dave.g7gqw@...
Topic: 10137 Message: 10137

Hi,
Could someone please clarify if the Nayif-1 Dashboard is in place of the Funcube-1 version or should it be run in parallel? Also as I am registered at the warehouse for Funcube-1 do I need to re-register for the Nayif-1 data upload?
Cheers
Dave
G7gqw

10138. Re: [FUNcube] Nayif-1 Dashboard

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-12 18:12:01 UTC
From: Graham Shirville
Topic: 10137 Message: 10138

Hi Dave,

Presently to receive, decode and display Nayif-1 you need the Nayif-1 Dashboard. When you start this up for the first time it will populate the registration info with that which is already on your machine fro the FUNcube-1 Dashboard.
Yes they can both run in parallel no problem.
There is an updated set of guidance notes available here.
https://funcubetest2.files.wordpress.com/2017/02/nayif-1_dashboard_notes_release_1-0b.pdf

Good luck
73

Graham
G3VZV

From: mailto:FUNcube@...
Sent: Sunday, February 12, 2017 5:33 PM
To: FUNcube@...
Subject: [FUNcube] Nayif-1 Dashboard

Hi,
Could someone please clarify if the Nayif-1 Dashboard is in place of the Funcube-1 version or should it be run in parallel? Also as I am registered at the warehouse for Funcube-1 do I need to re-register for the Nayif-1 data upload?
Cheers
Dave
G7gqw

10139. Re: [FUNcube] Nayif-1 Dashboard

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-12 18:31:36 UTC
From: Dave Williams
Topic: 10137 Message: 10139

Hi Graham,

Many thanks for the clarification, now looking forward to the
launch and deployment.

Cheers

Dave

G7gqw

On 12-Feb-17 18:12, 'Graham Shirville' g.shirville@...
[FUNcube] wrote:
>
>
> Hi Dave,
> Presently to receive, decode and display Nayif-1 you need the Nayif-1
> Dashboard. When you start this up for the first time it will populate
> the registration info with that which is already on your machine fro
> the FUNcube-1 Dashboard.
> Yes they can both run in parallel no problem.
> There is an updated set of guidance notes available here.
>
https://funcubetest2.files.wordpress.com/2017/02/nayif-1_dashboard_notes_release_1-0b.pdf
> Good luck
> 73
> Graham
> G3VZV
> *From:* mailto:FUNcube@...
> *Sent:* Sunday, February 12, 2017 5:33 PM
> *To:* FUNcube@... <mailto:FUNcube@...>
> *Subject:* [FUNcube] Nayif-1 Dashboard
>
> Hi,
> Could someone please clarify if the Nayif-1 Dashboard is in place
> of the Funcube-1 version or should it be run in parallel? Also as I am
> registered at the warehouse for Funcube-1 do I need to re-register for
> the Nayif-1 data upload?
> Cheers
> Dave
> G7gqw
>
>
>
>

--
73
Dave
G7gqw
Amsat uk member

10140. Re: [FUNcube] Nayif-1 Dashboard

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-12 19:13:23 UTC
From: Nitin Muttin
Topic: 10137 Message: 10140

Hi Graham,
It worked for me and the registration information for FUNcube -1 was auto populated in Nayif-1 dashboard. 73
Nitin [VU3TYG]

From: "'Graham Shirville' g.shirville@... [FUNcube]" <FUNcube@yahoogroups.co.uk>
To: FUNcube@...
Sent: Sunday, 12 February 2017 11:42 PM
Subject: Re: [FUNcube] Nayif-1 Dashboard

Hi Dave, Presently to receive, decode and display Nayif-1 you need the Nayif-1 Dashboard. When you start this up for the first time it will populate the registration info with that which is already on your machine fro the FUNcube-1 Dashboard. Yes they can both run in parallel no problem.There is an updated set of guidance notes available here. https://funcubetest2.files.wordpress.com/2017/02/nayif-1_dashboard_notes_release_1-0b.pdf Good luck73 GrahamG3VZV From: mailto:FUNcube@... Sent: Sunday, February 12, 2017 5:33 PMTo: FUNcube@... Subject: [FUNcube] Nayif-1 Dashboard Hi,
Could someone please clarify if the Nayif-1 Dashboard is in place of the Funcube-1 version or should it be run in parallel? Also as I am registered at the warehouse for Funcube-1 do I need to re-register for the Nayif-1 data upload?
Cheers
Dave
G7gqw

10141. Re: [FUNcube] Nayif-1 Dashboard

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-12 20:03:58 UTC
From: Scott
Topic: 10137 Message: 10141

Dave,
I am going to assume that one registration will work for the data warehouse like it does for AO-73 and Ukube-1. I have not installed the new program yet but it should be stand alone.

Scott, KA7FVV

Sent from my iPhone

> On Feb 12, 2017, at 10:12, 'Graham Shirville' g.shirville@btinternet.com [FUNcube] <FUNcube@...> wrote:
>
> Hi Dave,
>
> Presently to receive, decode and display Nayif-1 you need the Nayif-1 Dashboard. When you start this up for the first time it will populate the registration info with that which is already on your machine fro the FUNcube-1 Dashboard.
> Yes they can both run in parallel no problem.
> There is an updated set of guidance notes available here. https://funcubetest2.files.wordpress.com/2017/02/nayif-1_dashboard_notes_release_1-0b.pdf
>
> Good luck
> 73
>
> Graham
> G3VZV
>
> From: mailto:FUNcube@...
> Sent: Sunday, February 12, 2017 5:33 PM
> To: FUNcube@...
> Subject: [FUNcube] Nayif-1 Dashboard
>
>
> Hi,
> Could someone please clarify if the Nayif-1 Dashboard is in place of the Funcube-1 version or should it be run in parallel? Also as I am registered at the warehouse for Funcube-1 do I need to re-register for the Nayif-1 data upload?
> Cheers
> Dave
> G7gqw

>
>

10142. O73 drift increasing?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-12 22:38:03 UTC
From: Brian
Topic: 10142 Message: 10142

Hi Graham,

Please excuse a direct question to a busy man!

We have exchanged emails before on the topic, but, is it my imagination (or my rig calibration or faulty keps) but is the telemetry beacon on FQ1 getting lower and lower in frequency? I have been tracking it for just over a year now and I used to find the daytime southbound orbits to be nearly spot on the nominal frequency after allowing for doppler, but now I am finding a need to drop about 500 hz. I know the night time north bound passes have always needed a qsy LF of about 1.5khz with quite a noticeable drift as the satellite cools down!

On a second, unrelated topic, I was reading a post from Jan King W3GEY about his feelings about Oscar 7. Looking back in my logs shows many excellent QSOs via the bird in my days up north as GM4BIP - and and a good few new QSOs lately - it's Mode B RX is as sensitive as it ever was! I can fully relate to his thoughts. I have noted a few "silent" passes lately and I presume the onboard logic is waking up in an inconsistent state which a reset command would presumably fix. So I was wondering - is O7 still command-able? Are there any ground stations actively looking after it? Given that it gets a reboot every orbit these days I guess not? I am aware of the RX de-sense when Mode B is in full flight!

So that's a long preamble to my offer - what would be involved and how could I get involved with helping to look after such a bird? Jan was suggesting in his post that he was looking for volunteers to train. I am very aware of the responsibilities involved, I think I have the credentials needed and the nutty enthusiasm (just passed 60K packets of FQ1 telemetry from my semi-automatic tracking station) - I am an Amateur Radio Evangelist at the Bletchley Park NRC and a very long term lover of the hobby! Oh - and I do loads of studio IT and RF related work trying to keep our national broadcasting on the air from good ole' Auntie BeeB - if that's at all relevant!

So forgive me if this is a complete non-starter or the tenth such email you had today - but on the remote possibility I could help in some way....

Cheers,

Brian G4BIP / WT1E - (Ex GM4BIP)

10143. Re: [FUNcube] Trouble Installing FCDPro+ on WIN8

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-12 20:47:47 UTC
From: Siegfried Jackstien
Topic: 10135 Message: 10143

never ever try to UPDATE the fcdpp ... it is ALWAYS delivered with
newest firmware!!!!

downlad hdsdr (its free!!)

download the extio for the fcdpp

copy the extio in hdsdr folder

fire up hdsdr

enjoy :-)

dg9bfc sigi

ps fcdhid is use if you wanna use the fcd with an sdr app that does not
support the fcdpp (frequency control) ... so the gain settings and qrg
is set with the hid soft and in the sdr app you select fcdpp as the iq
input (an example is dream to decode digital radio over shortwave) ...
in hdsdr all is done from the software directly (reason why to copy the
extio in hdsdr folder)

Am 12.02.2017 um 15:29 schrieb marcel.jost@... [FUNcube]:
>
> Hi Folks,
>
> i want to use my FCDPRo+ with a new Laptop. I am in Trouble. Windows
> regocnize the FCD V2.0, installs all and everything. But then:
> Nothing. As i want to update the device in Downloaded the FCHid003 and
> started. It comes out with:
>
> HIDOpen of Vid_04d8&Pid_fb56 returns 0
> Error, FCD not found: is FCD correctly installed?
>
> The strange point: Windoes can "See" the FCD!!!
>
> I am using an AMD A6-5200 APU, 2GHz, 4 GB RAM, 64 Bit Windows 8.
>
> What i am doing wrong?
>
> Thanks for your help!
> -Marcel (DD7ZX)-
>
>
>

10144. Re: [FUNcube] Trouble Installing FCDPro+ on WIN8

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-13 19:59:20 UTC
From: Ernie Gray
Topic: 10135 Message: 10144

That did not work on my WIN 10 PC either. I have only a FCD Pro, loaded HDSDR in Program Files, and Ext IO and nothing. The dongle active but when I look at Source, a message saying Ext IO not found. Gave up..... Some computer stuff over my head...!!! 73'sErnie

From: "Siegfried Jackstien siegfried.jackstien@... [FUNcube]" <FUNcube@yahoogroups.co.uk>
To: FUNcube@...
Sent: Sunday, February 12, 2017 3:47 PM
Subject: Re: [FUNcube] Trouble Installing FCDPro+ on WIN8

  never ever try to UPDATE the fcdpp ... it is ALWAYS delivered with newest firmware!!!! downlad hdsdr (its free!!) download the extio for the fcdpp copy the extio in hdsdr folder fire up hdsdr enjoy :-) dg9bfc sigi ps fcdhid is use if you wanna use the fcd with an sdr app that does not support the fcdpp (frequency control) ... so the gain settings and qrg is set with the hid soft and in the sdr app you select fcdpp as the iq input (an example is dream to decode digital radio over shortwave) ... in hdsdr all is done from the software directly (reason why to copy the extio in hdsdr folder)

Am 12.02.2017 um 15:29 schrieb marcel.jost@... [FUNcube]:

  Hi Folks,

i want to use my FCDPRo+ with a new Laptop. I am in Trouble. Windows regocnize the FCD V2.0, installs all and everything. But then: Nothing. As i want to update the device in Downloaded the FCHid003 and started. It comes out with:

HIDOpen of Vid_04d8&Pid_fb56 returns 0
Error, FCD not found: is FCD correctly installed?

The strange point: Windoes can "See" the FCD!!!

I am using an AMD A6-5200 APU, 2GHz, 4 GB RAM, 64 Bit Windows 8.

What i am doing wrong?

Thanks for your help!
-Marcel (DD7ZX)-

10145. Re: [FUNcube] Trouble Installing FCDPro+ on WIN8

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-14 01:30:31 UTC
From: Ed Krome
Topic: 10135 Message: 10145

FWIW: FCDP+ appears to be port sensitive. Of 12 USB 2.0 ports on 3 computers (2 WIN10, 1 XP, all fast), only 5 work. Also, if you have ever installed Zadig (as required by SDR Sharp; an excellent program), the port you installed it on my never work for FCD. (But will work for most other apps). (Guess how I know this?)
Try another port. Or another computer.

Ed Krome K9EK
Sent from my iPhone

> On Feb 13, 2017, at 2:59 PM, Ernie Gray w1mrq@yahoo.com [FUNcube] <FUNcube@...> wrote:
>
> That did not work on my WIN 10 PC either. I have only a FCD Pro, loaded HDSDR in Program Files, and Ext IO and nothing. The dongle active but when I look at Source, a message saying Ext IO not found.
>
> Gave up..... Some computer stuff over my head...!!!
>
> 73's
> Ernie
>
>
>
>
> From: "Siegfried Jackstien siegfried.jackstien@... [FUNcube]" <FUNcube@...>
> To: FUNcube@...
> Sent: Sunday, February 12, 2017 3:47 PM
> Subject: Re: [FUNcube] Trouble Installing FCDPro+ on WIN8
>
>
> never ever try to UPDATE the fcdpp ... it is ALWAYS delivered with newest firmware!!!!
> downlad hdsdr (its free!!)
> download the extio for the fcdpp
> copy the extio in hdsdr folder
> fire up hdsdr
> enjoy :-)
> dg9bfc sigi
> ps fcdhid is use if you wanna use the fcd with an sdr app that does not support the fcdpp (frequency control) ... so the gain settings and qrg is set with the hid soft and in the sdr app you select fcdpp as the iq input (an example is dream to decode digital radio over shortwave) ... in hdsdr all is done from the software directly (reason why to copy the extio in hdsdr folder)
>
> Am 12.02.2017 um 15:29 schrieb marcel.jost@... [FUNcube]:
>>
>> Hi Folks,

>>
>> i want to use my FCDPRo+ with a new Laptop. I am in Trouble. Windows regocnize the FCD V2.0, installs all and everything. But then: Nothing. As i want to update the device in Downloaded the FCHid003 and started. It comes out with:
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>> I am using an AMD A6-5200 APU, 2GHz, 4 GB RAM, 64 Bit Windows 8.
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>> What i am doing wrong?
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>> Thanks for your help!
>> -Marcel (DD7ZX)-
>>
>>
>
>
>
>

10146. Re: [FUNcube] Trouble Installing FCDPro+ on WIN8

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-14 03:22:25 UTC
From: Siegfried Jackstien
Topic: 10135 Message: 10146

if you have an fcd pro ... but not the pro plus ... then it is the older one ... and needs a different driver

fcd pro is not delivered with newest fw ... so THAT SHOULD be upgraded ....

but ... the pro is rather old ... are you sure it is the pro not the pro plus??

(for long have you had that in the cupboard????)

windows should install the fcd and fcdpp as a "normal" soundcard ...

you have to add the correct extio inside the hdsdr folder

and you should NOT use programms folder ... better use a seperate folder (say c:/hamradio/hdsdr as example)

cause in most newer operating systems (since win7) the programms folder is write protected ... and some soft do not like that (ini files can not be stored that way etc.) ...

so ... first check what dongle you have (is it the old one or the newer one??)

then select the RIGHT extio driver

and ... check different usb ports

dg9bfc sigi

Am 13.02.2017 um 19:59 schrieb Ernie Gray w1mrq@... [FUNcube]:
> That did not work on my WIN 10 PC either. I have only a FCD Pro,
> loaded HDSDR in Program Files, and Ext IO and nothing. The dongle
> active but when I look at Source, a message saying Ext IO not found.
> Gave up..... Some computer stuff over my head...!!!
> 73's
> Ernie
>
>
>
> ---
> *From:* "Siegfried Jackstien siegfried.jackstien@... [FUNcube]"
> <FUNcube@...>
> *To:* FUNcube@...
> *Sent:* Sunday, February 12, 2017 3:47 PM
> *Subject:* Re: [FUNcube] Trouble Installing FCDPro+ on WIN8
>
> never ever try to UPDATE the fcdpp ... it is ALWAYS delivered with

> newest firmware!!!!
> downlad hdsdr (its free!!)
> download the extio for the fcdpp
> copy the extio in hdsdr folder
> fire up hdsdr
> enjoy :-)
> dg9bfc sigi
> ps fcdhid is use if you wanna use the fcd with an sdr app that does
> not support the fcdpp (frequency control) ... so the gain settings and
> qrg is set with the hid soft and in the sdr app you select fcdpp as
> the iq input (an example is dream to decode digital radio over
> shortwave) ... in hdsdr all is done from the software directly (reason
> why to copy the extio in hdsdr folder)
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> Am 12.02.2017 um 15:29 schrieb marcel.jost@...
> <mailto:marcel.jost@...> [FUNcube]:
>> Hi Folks,
>>
>> i want to use my FCDPRo+ with a new Laptop. I am in Trouble. Windows
>> regocnize the FCD V2.0, installs all and everything. But then:
>> Nothing. As i want to update the device in Downloaded the FCHid003
>> and started. It comes out with:
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>> I am using an AMD A6-5200 APU, 2GHz, 4 GB RAM, 64 Bit Windows 8.
>>
>> What i am doing wrong?
>>
>> Thanks for your help!
>> -Marcel (DD7ZX)-
>>
>>
>
>
>
>

10147. Re: [FUNcube] O73 drift increasing?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-14 05:14:48 UTC
From: GRAHAM SHIRVILLE
Topic: 10142 Message: 10147

Hi Brian,
Yes a bit busy this week...presently assisting the Nayif-1 Command team in sharjah for their launch tomorrow.
I will get abck to you next week if I may!
FUNcube frequencies are purely temperature related...it is getting hotter on board than it ever has been ...more next week
73
Graham

From: "Brian g4bip@... [FUNcube]" <FUNcube@...>
To: "'Graham Shirville' g.shirville@... [FUNcube]" <FUNcube@yahoogroups.co.uk>
Sent: Sunday, 12 February 2017, 22:38
Subject: [FUNcube] O73 drift increasing?

Hi Graham,

Please excuse a direct question to a busy man!

We have exchanged emails before on the topic, but, is it my imagination (or my rig calibration or faulty keps) but is the telemetry beacon on FQ1 getting lower and lower in frequency? I have been tracking it for just over a year now and I used to find the daytime southbound orbits to be nearly spot on the nominal frequency after allowing for doppler, but now I am finding a need to drop about 500 hz. I know the night time north bound passes have always needed a qsy LF of about 1.5khz with quite a noticeable drift as the satellite cools down!

On a second, unrelated topic, I was reading a post from Jan King W3GEY about his feelings about Oscar 7. Looking back in my logs shows many excellent QSOs via the bird in my days up north as GM4BIP - and and a good few new QSOs lately - it's Mode B RX is as sensitive as it ever was! I can fully relate to his thoughts. I have noted a few "silent" passes lately and I presume the onboard logic is waking up in an inconsistent state which a reset command would presumably fix. So I was wondering - is O7 still command-able? Are there any ground stations actively looking after it? Given that it gets a reboot every orbit these days I guess not? I am aware of the RX de-sense when Mode B is in full flight!

So that's a long preamble to my offer - what would be involved and how could I get involved with helping to look after such a bird? Jan was suggesting in his post that he was looking for volunteers to train. I am very aware of the responsibilities involved, I think I have the credentials needed and the nutty enthusiasm (just passed 60K packets of FQ1 telemetry from my semi-automatic tracking station) - I am an Amateur Radio Evangelist at the Bletchley Park NRC and a very long term lover of

the hobby! Oh - and I do loads of studio IT and RF related work trying to keep our national broadcasting on the air from good ole' Auntie BeeB - if that's at all relevant!

So forgive me if this is a complete non-starter or the tenth such email you had today - but on the remote possibility I could help in some way....

Cheers,

Brian G4BIP / WT1E - (Ex GM4BIP)

10148. Join in Nayif-1 launch day chat

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-14 17:05:00 UTC
From: M5AKA
Topic: 10148 Message: 10148

The Nayif-1 CubeSat carrying a FUNcube Amateur Radio SSB/CW transponder payload is expected to take place at 0358 UT, Wednesday, February 15.

Join in the Nayif-1 launch day chat on the FUNcube IRC channel, your reception reports of the 145.940 MHz 1k2 BPSK telemetry beacon are most welcome,
see http://irc.lc/freenode/funcube

Nayif-1 CubeSat Launch Announced
https://amsat-uk.org/2017/02/08/nayif-1-launch-announced/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10149. Nayif-1 Transponder CubeSat Update and New TLEs

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-16 13:51:27 UTC
From: M5AKA
Topic: 10149 Message: 10149

Nayif-1 (FUNcube-5) SSB/CW transponder CubeSat - First day update
https://amsat-uk.org/2017/02/15/nayif-1-launched/

A new post-launch set of Nayif-1 TLE’s has been issued by the launch authority and it can be downloaded from http://amsat-nl.org/download/NAYIF_TLE.txt
Please note that these numbers are not based on JSpOC observations so we do not yet have a valid catalog number.

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10150. Re:: Nayif-1 Transponder CubeSat Update and New TLEs

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-17 12:22:07 UTC
From: vanroonhenk@...
Topic: 10149 Message: 10150

How do I get the tle data in gpredict?

Henk

10151. Re: [FUNcube] Re:: Nayif-1 Transponder CubeSat Update and New TLEs

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-17 14:44:50 UTC
From: <c.p.bridges@...>
Topic: 10149 Message: 10151

1. Download the file and put on Desktop (or appropriate TLE folder).
2. Edit > Update TLE > From local files
3. Select the folder
4. That’s it!

73s Chris M0IEB

From: "funcube@yahoogroups.co.uk<mailto:funcube@yahoogroups.co.uk>"
<funcube@yahoogroups.co.uk<mailto:funcube@yahoogroups.co.uk>> on behalf of
"funcube@yahoogroups.co.uk<mailto:funcube@yahoogroups.co.uk>"
<funcube@yahoogroups.co.uk<mailto:funcube@yahoogroups.co.uk>>
Reply-To: "funcube@yahoogroups.co.uk<mailto:funcube@yahoogroups.co.uk>"
<funcube@yahoogroups.co.uk<mailto:funcube@yahoogroups.co.uk>>
Date: Friday, 17 February 2017 at 12:22
To: "funcube@yahoogroups.co.uk<mailto:funcube@yahoogroups.co.uk>"
<funcube@yahoogroups.co.uk<mailto:funcube@yahoogroups.co.uk>>
Subject: [FUNcube] Re:: Nayif-1 Transponder CubeSat Update and New TLEs

How do I get the tle data in gpredict?

Henk

10152. Bahamas Satellite Activation + Geo + new ISS transceiver

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-20 15:56:21 UTC
From: M5AKA
Topic: 10152 Message: 10152

SpaceX launch ham radio transceiver to ISS
https://amsat-uk.org/2017/02/20/spacex-launch-ham-radio-transceiver-to-iss/

NASA to launch two more CubeSats with transponders
https://amsat-uk.org/2017/02/20/nasa-more-transponder-cubesats/

Ham radio satellite activation of Berry Islands, Bahamas
https://amsat-uk.org/2017/02/18/berry-islands-bahamas/

Expect more from Amateur Youth Space Program
https://amsat-uk.org/2017/02/17/amateur-youth-space-program/

Es'hail-2 geostationary satellite carrying Amateur Radio transponders expected to launch 2018
https://www.eshailsat.qa/en/satellites/index/#tab-16

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10153. New release of MULTIPSK (4.31.4) - New SDR TCP/IP interface

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-25 17:45:33 UTC
From: Patrick Lindecker
Topic: 10153 Message: 10153
Attachments: 1 described; binary payloads are missing from this source WARC

New release of MULTIPSK (4.31.4)

Pour les francophones: la version en français de ce message se trouve sur
mon site (http://f6cte.free.fr). Il suffit de cliquer sur le lien
"Principales modifications (courriel avertissant de la sortie de la nouvelle
version)".

Hello to all Ham and SWL,

The new release of MultiPSK (4.31.4) is on my Web site
(http://f6cte.free.fr).
The mirror site is Earl's, N8KBR:
http://www.eqth.info/f6cte/MULTIPSK_setup.exe

The MD5 signature of the downloaded MULTIPSK_setup.exe file to, possibly,
check (with WinMD5 for example), that the downloading works without error,
is equal to: 6ce0ddb50472209992757f0ad3e6cba5

Multipsk associated to Clock are freeware programs but with functions
submitted to a licence (by user key).

The main improvement of Multipsk 4.31.4 is an addition of a SDR TCP/IP
interface.

Main goal

This new version proposes a SDR TCP/IP interface able to interface SdR
receivers, as the direct or EXTIO interfaces. It is simple and can be used
for an exchange between:
* a client program (Multipsk, for example),
* a SdR (local or remote) able to transmit IQ 16 bits samples, at a
sampling rate of
48000 Hz.

For developers, it is proposed programs permitting a complete simulation of
a server and a client (see below).

This version of Multipsk managed a basic application, i.e. the mandatory
part of the version 0 of the protocol:

* the default sampling frequency (48000 Hz),

* the default hardware type managed: 3 (16 bits, IQ),

* the mandatory procedures (Pversion, HWMPcapa, InitHWMP, Set_HWLO,
Received, Bug_on_P).

The hardware type 4 (with only a frequency control, data coming from a specific sound card, as for the Funcube) is also managed by Multipsk.

It will be possible to manage either a SDR server located in the same PC or a remote SDR server. In other words, it would be possible to decode transmissions from your receiver located in an other place, if autorized in your country.

Typical working for the user

In the standard option, the SDR server file must be in the same directory as Multipsk. As an example, it is proposed, for a test, a simulation of server SDR_TCP_IP_TEST.exe. This pseudo-server generates and sends an IQ signal at 6000 Hz (square wave).

After having started Multipsk, push on the pink ☐SdR TCP/IP☐ button of the ☐I/Q interfaces for SdR transceivers☐ panel. Push on the ☐Connection☐ button. Once the connection done, the number after ☐N=☐ (number of data) increases. Close this TCP/IP window and push on ☐RX/TX screen☐, as usual. The 6000 Hz signal will be visible in the SdR waterfall.

Extract from the manual:

.

- If the "SDR TCP/IP" button is pushed, the SdR interface is forced.

Indeed, Multipsk can be a TCP/IP client and exchange data or commands with a SDR TCP/IP server local or distant ("Remote" button). The standard is a local server (SDR_TCP_IP_xyz.EXE) in "local loop" using the standard IP address 127.0.0.1 and located in the Multipsk directory of your PC. However, it is possible to use a remote server via Internet (with any IP address or DNS).

Moreover, the "+Speaker" may be pushed, to listen to the demodulated sound.

The "Transceiver" window on the "RX/TX" screen permits to control the frequency of the SDR.

.

Click on the button to reach help.

For the SdR manufacturer

Now what is proposed is only a simulation For the ones having a SdR receiver (except RTL SDR dongles, directly managed by Muktipsk), if you want to have your SdR directly interfaced to Multipsk (and, perhaps, to other programs in the future), you have to forward this message to your SdR manufacturer. Maybe, he will find interest to develop the necessary server interface, for the satisfaction of his/her clients.

For the SDR manufacturer, here are presented the different files necessary to implement the protocol SDR TCP/IP INTERFACE Version 0. These files are included in the SDR_TCP_IP_INTERFACE_Version_0.ZIP package, available at

this WEB address: http://f6cte.free.fr/SDR_TCP_IP_INTERFACE_Version_0.ZIP

· The « SDR_TCP_IP_INTERFACE_V_0.docx » file gives the description of the protocol.

· The « Client_in_C++ » and « Server_in_C++ » files are very simple programs only able to establish a TCP/IP communication. These programs are generated in C++ (C++Builder 6 Borland). They are supposed built in the C:\SDR_TCP_IP_INTERFACE directory.

· The « Client_in_Delphi » and « Server_in_Delphi » files are very simple programs only able to establish a TCP/IP communication. These programs are generated in Delphi 6 (Borland).

· The « Complete simulation of a SDR TCP-IP client in Delphi » file can be used as a model for a true SDR TCP/IP client program (called « CP » in the protocol), as for example a decoding program. It is issued from Multipsk.

· The « Complete simulation of a SDR TCP-IP server in Delphi » file can be used as a model for a true SDR TCP/IP server program (called « MP » in the protocol). It is interfaced with the SDR hardware and the client program.It has the general equivalent role of the EXTIO file. These two last programs are generated in Delphi 6 (Borland).

Questions of the SDR manufacturer can be asked either to the author (about the protocol) or, in English, to the Multipsk Yahoo group (about needs of SDR users or feedback).

Note about TLE files: if you use the "Satellites" option, don't forget to download

(with the "Downloading" button) the 5 recent TLE files (amateur.txt, argos.txt, orbcomm.txt, stations.txt, weather.txt).

Note about translation of Multipsk.exe and Clock .exe: the 4.31.3 version of Multipsk has been completly translated to Spanish by Joachin (EA4ZB), from French. The translation file is on my Web site (http://f6cte.free.fr/Translation_files.htm).

73

Patrick

10154. Re: [FUNcube] Trouble Installing FCDPro+ on WIN8

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-26 13:40:13 UTC
From: Siegfried Jackstien
Topic: 10135 Message: 10154

be aware that there are different extio drivers needed for fcdpro and
proplus!!!

the fcdpro is the old one (also sometimes only called fcd)

the pro plus is the new one (shortwave included, filters added)

both have its very own driver!!!

dg9bfc sigi

Am 13.02.2017 um 19:59 schrieb Ernie Gray w1mrq@... [FUNcube]:
> That did not work on my WIN 10 PC either. I have only a FCD Pro,
> loaded HDSDR in Program Files, and Ext IO and nothing. The dongle
> active but when I look at Source, a message saying Ext IO not found.
> Gave up..... Some computer stuff over my head...!!!
> 73's
> Ernie
>
>
>
> ---
> *From:* "Siegfried Jackstien siegfried.jackstien@... [FUNcube]"
> <FUNcube@...>
> *To:* FUNcube@...
> *Sent:* Sunday, February 12, 2017 3:47 PM
> *Subject:* Re: [FUNcube] Trouble Installing FCDPro+ on WIN8
>
> never ever try to UPDATE the fcdpp ... it is ALWAYS delivered with
> newest firmware!!!!
> downlad hdsdr (its free!!)
> download the extio for the fcdpp
> copy the extio in hdsdr folder
> fire up hdsdr
> enjoy :-)
> dg9bfc sigi
> ps fcdhid is use if you wanna use the fcd with an sdr app that does
> not support the fcdpp (frequency control) ... so the gain settings and
> qrg is set with the hid soft and in the sdr app you select fcdpp as
> the iq input (an example is dream to decode digital radio over
> shortwave) ... in hdsdr all is done from the software directly (reason
> why to copy the extio in hdsdr folder)
>
> Am 12.02.2017 um 15:29 schrieb marcel.jost@...
> <mailto:marcel.jost@...> [FUNcube]:
>> Hi Folks,

>>
>> i want to use my FCDPRo+ with a new Laptop. I am in Trouble. Windows
>> regocnize the FCD V2.0, installs all and everything. But then:
>> Nothing. As i want to update the device in Downloaded the FCHid003
>> and started. It comes out with:
>>
>> HIDOpen of Vid_04d8&Pid_fb56 returns 0
>> Error, FCD not found: is FCD correctly installed?
>>
>> The strange point: Windoes can "See" the FCD!!!
>>
>> I am using an AMD A6-5200 APU, 2GHz, 4 GB RAM, 64 Bit Windows 8.
>>
>> What i am doing wrong?
>>
>> Thanks for your help!
>> -Marcel (DD7ZX)-
>>
>>
>
>
>
>

10155. Re: [FUNcube] New release of MULTIPSK (4.31.4) - New SDR TCP/IP interface

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-26 14:19:16 UTC
From: Siegfried Jackstien
Topic: 10153 Message: 10155
Attachments: 1 described; binary payloads are missing from this source WARC

hello patrick

in your help file about the tcpip link thingy ... you wrote that in
france it is forbidden to remotely acces a receiver or transmitter??

ok for transmitter (maybe only direct access allowed) .. but what about
a web sdr (like the one in twente/pa .. or the dozens of others in the net)

as long as you only receive ... not even a ham license is needed (you
can listen to ham transmissions as an swl)

so what are the rules there in france??

(yes i kjnow it is a bit off topic ... but maybe someone wants to build
a remote receiver with funcube and multipsk software?!?)

dg9bfc sigi

Am 25.02.2017 um 17:45 schrieb 'Patrick Lindecker' f6cte@... [FUNcube]:
>
> *New release of MULTIPSK (4.31.4)*
>
> **
>
> /Pour les francophones: la version en fran?ais de ce message se trouve
> sur mon site (http://f6cte.free.fr). Il suffit de cliquer sur le lien
> "_Principales modifications (courriel avertissant de la sortie de la
> nouvelle version)_"./
>
> *
> *Hello to all Ham and SWL,
>
> The new release of *MultiPSK (4.31.4) *is on my Web site
> (http://f6cte.free.fr).
> The mirror site is Earl's, N8KBR:
> http://www.eqth.info/f6cte/MULTIPSK_setup.exe
>
> The MD5 signature of the downloaded MULTIPSK_setup.exe file to,
> possibly, check (with WinMD5 for example), that the downloading works
> without error, is equal to: 6ce0ddb50472209992757f0ad3e6cba5
>
> Multipsk associated to Clock are freeware programs but with functions
> submitted to a licence (by user key).
>

> *The main improvement of Multipsk 4.31.4 is an addition of a SDR
> TCP/IP interface.*
>
> **
>
> *_Main goal
>
> _*
>
> This new version proposes a SDR TCP/IP interface able to interface SdR
> receivers, as the direct or EXTIO interfaces. It is simple and can be
> used for an exchange between:
> * a client program (Multipsk, for example),
> * a SdR (local or remote) able to transmit IQ 16 bits samples, at a
> sampling rate of
> 48000 Hz.
>
> For developers, it is proposed programs permitting a complete
> simulation of a server and a client (see below).
>
> This version of Multipsk managed a basic application, i.e. the
> mandatory part of the version 0 of the protocol:
>
> * the default sampling frequency (48000 Hz),
>
> * the default hardware type managed: 3 (16 bits, IQ),
>
> * the mandatory procedures (Pversion, HWMPcapa, InitHWMP,
> Set_HWLO, Received, Bug_on_P).
>
> The hardware type 4 (with only a frequency control, data coming from a
> specific sound card, as for the Funcube) is also managed by Multipsk.
>
> It will be possible to manage either a SDR server located in the same
> PC or a remote SDR server. In other words, it would be possible to
> decode transmissions from your receiver located in an other place, if
> autorized in your country.
>
> *_Typical working for the user_***
>
> In the standard option, the SDR server file must be in the same
> directory as Multipsk. As an example, it is proposed, for a test, a
> simulation of server SDR_TCP_IP_TEST.exe. This pseudo-server generates
> and sends an IQ signal at 6000 Hz (square wave).
>
> After having started Multipsk, push on the pink ?*SdR TCP/IP*? button
> of the ?*I/Q interfaces for SdR transceivers*? panel. Push on the
> ?*Connection*? button. Once the connection done, the number after
> ?*N=*? (number of data) increases. Close this TCP/IP window and push
> on ?*RX/TX screen*?, as usual. The 6000 Hz signal will be visible in

> the SdR waterfall.
>
> Extract from the manual:
> ??????????????????????????????.
>
> - If the "*SDR TCP/IP*" button is pushed, the SdR interface is forced.
>
> Indeed, Multipsk can be a TCP/IP client and exchange data or commands
> with a SDR TCP/IP server local or distant ("*Remote*" button). The
> standard is a local server (SDR_TCP_IP_xyz.EXE) in "local loop" using
> the standard IP address 127.0.0.1 and located in the Multipsk
> directory of your PC. However, it is possible to use a remote server
> via Internet (with any IP address or DNS).
>
> Moreover, the "*+Speaker*" may be pushed, to listen to the demodulated
> sound.
>
> The "*Transceiver*" window on the "RX/TX" screen permits to control
> the frequency of the SDR.
>
> ??????????????????????????????.
>
> Click on the button to reach help.
>
> *_For the SdR manufacturer_***
>
> *Now what is proposed is only a simulation? For the ones having a SdR
> receiver (except RTL SDR dongles, directly managed by Muktipsk), if
> you want to have your SdR directly interfaced to Multipsk (and,
> perhaps, to other programs in the future), you have to forward this
> message to your SdR manufacturer. Maybe, he will find interest to
> develop the necessary server interface, for the satisfaction of
> his/her clients. *
>
> *__*
>
> _For the SDR manufacturer_, here are presented the different files
> necessary to implement the protocol SDR TCP/IP INTERFACE Version 0.
> These files are included in the SDR_TCP_IP_INTERFACE_Version_0.ZIP
> package, available at this WEB address:
> http://f6cte.free.fr/SDR_TCP_IP_INTERFACE_Version_0.ZIP
>
> ? The ? SDR_TCP_IP_INTERFACE_V_0.docx ? file gives the description
> of the protocol.
>
> ? The ? Client_in_C++ ? and ? Server_in_C++ ? files are very
> simple programs only able to establish a TCP/IP communication. These
> programs are generated in C++ (C++Builder 6 Borland). They are
> supposed built in the
> C:\SDR_TCP_IP_INTERFACE directory.

>
> ? The ? Client_in_Delphi ? and ? Server_in_Delphi ? files are
> very simple programs only able to establish a TCP/IP communication.
> These programs are generated in Delphi 6 (Borland).
>
> ? The ? Complete simulation of a SDR TCP-IP client in Delphi ?
> file can be used as a model for a true SDR TCP/IP client program
> (called ? CP ? in the protocol), as for example a decoding program. It
> is issued from Multipsk.
>
> ? The ? Complete simulation of a SDR TCP-IP server in Delphi ?
> file can be used as a model for a true SDR TCP/IP server program
> (called ? MP ? in the protocol). It is interfaced with the SDR
> hardware and the client program.It has the general equivalent role of
> the EXTIO file. These two last programs are generated in Delphi 6
> (Borland).
>
> _Questions of the SDR manufacturer_can be asked either to the author
> (about the protocol) or, in English, to the Multipsk Yahoo group
> (about needs of SDR users or feedback).
>
> __
>
> _Note about TLE files_: if you use the "*Satellites*" option, don't
> forget to download
>
> (with the "*Downloading*" button) the 5 recent TLE files (amateur.txt,
> argos.txt, orbcomm.txt, stations.txt, weather.txt).
>
> _Note about translation of Multipsk.exe and Clock .exe_: the 4.31.3
> version of Multipsk has been completly translated to Spanish by
> Joachin (EA4ZB), from French. The translation file is on my Web site
> (http://f6cte.free.fr/Translation_files.htm).
>
> 73
>
> Patrick
>
> **
>
>

10156. RE: [FUNcube] New release of MULTIPSK (4.31.4) - New SDR TCP/IP interface

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-26 18:39:57 UTC
From: Patrick Lindecker
Topic: 10153 Message: 10156
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Sigi,

I have absolutely no competences in laws, but I know that, in France, for many years it was forbidden to use Echolink by Hams, because it was forbidden to connect a radio-equipment to a public net (as Internet). I just saw that since 2 or 3 years Echolink would be authorized for French Ham radio only.

However, I don□t know if, now, taking into account French and European laws, it is legal or not in France, for anybody, to connect a radio-equipment (SDR receiver in our case) on the Net.

73

Patrick

De : FUNcube@... [mailto:FUNcube@....uk]
Envoyé : dimanche 26 février 2017 15:19
À : FUNcube@yahoogroups.co.uk
Objet : Re: [FUNcube] New release of MULTIPSK (4.31.4) - New SDR TCP/IP interface

hello patrick

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48000 Hz.

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* the default hardware type managed: 3 (16 bits, IQ),

* the mandatory procedures (Pversion, HWMPcapa, InitHWMP, Set_HWLO, Received, Bug_on_P).

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Extract from the manual:

.

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For the SDR manufacturer, here are presented the different files necessary to implement the protocol SDR TCP/IP INTERFACE Version 0. These files are included in the SDR_TCP_IP_INTERFACE_Version_0.ZIP package, available at this WEB address: http://f6cte.free.fr/SDR_TCP_IP_INTERFACE_Version_0.ZIP

· The « SDR_TCP_IP_INTERFACE_V_0.docx » file gives the description of the protocol.

· The « Client_in_C++ » and « Server_in_C++ » files are very simple programs only able to establish a TCP/IP communication. These programs are generated in C++ (C++Builder 6 Borland). They are supposed built in the C:\SDR_TCP_IP_INTERFACE directory.

· The « Client_in_Delphi » and « Server_in_Delphi » files are very simple programs only able to establish a TCP/IP communication. These programs are generated in Delphi 6 (Borland).

· The « Complete simulation of a SDR TCP-IP client in Delphi » file can be used as a model for a true SDR TCP/IP client program (called « CP » in the protocol), as for example a decoding program. It is issued from Multipsk.

· The « Complete simulation of a SDR TCP-IP server in Delphi » file can be used as a model for a true SDR TCP/IP server program (called « MP » in the protocol). It is interfaced with the SDR hardware and the client program.It has the general equivalent role of the EXTIO file. These two last programs are generated in Delphi 6 (Borland).

Questions of the SDR manufacturer can be asked either to the author (about the protocol) or, in English, to the Multipsk Yahoo group (about needs of SDR users or feedback).

Note about TLE files: if you use the "Satellites" option, don't forget to download

(with the "Downloading" button) the 5 recent TLE files (amateur.txt, argos.txt, orbcomm.txt, stations.txt, weather.txt).

Note about translation of Multipsk.exe and Clock .exe: the 4.31.3 version of Multipsk has been completly translated to Spanish by Joachin (EA4ZB), from French. The translation file is on my Web site (http://f6cte.free.fr/Translation_files.htm).

73

Patrick

10157. Re: [FUNcube] New release of MULTIPSK (4.31.4) - New SDR TCP/IP interface

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-02-27 18:17:20 UTC
From: Siegfried Jackstien
Topic: 10153 Message: 10157
Attachments: 1 described; binary payloads are missing from this source WARC

a receiver should be no problem (web sdr) ... tricky thing will be a transmitter (echolink station)

the echolink guys only let you use their soft if you send them a copy of your license ... only then your node will work

so ... only ham ops can use echolink ... means it is also allowed to use that (regardless if in france, germany or somewhere else) for any ham op (your node will be approved by other hams)

that is ... echolink is allowed FOR HAMS only

a web sdr ... is allowed for anybody

cause it is just a receiver and anybody is free to receive ham transmissions or shortwave radio ... be it direct with your own receiver ... or remote on a web sdr

that is what i know about the rules :-)
dg9bfc sigi

Am 26.02.2017 um 18:39 schrieb 'Patrick Lindecker' f6cte@... [FUNcube]:
>
> Hello Sigi,
>
> I have absolutely no competences in laws, but I know that, in France,
> for many years it was forbidden to use Echolink by Hams, because it
> was forbidden to connect a radio-equipment to a public net (as
> Internet). I just saw that since 2 or 3 years Echolink would be
> authorized for French Ham radio only.
>
> However, I don?t know if, now, taking into account French and European
> laws, it is legal or not in France, for anybody, to connect a
> radio-equipment (SDR receiver in our case) on the Net.
>
> 73
>
> Patrick
>
> *De :*FUNcube@... [mailto:FUNcube@...]
> *Envoy? :* dimanche 26 f?vrier 2017 15:19
> *?? :* FUNcube@...
> *Objet :* Re: [FUNcube] New release of MULTIPSK (4.31.4) - New SDR
> TCP/IP interface

>
>
>
>
> hello patrick
>
> in your help file about the tcpip link thingy ... you wrote that in
> france it is forbidden to remotely acces a receiver or transmitter??
>
> ok for transmitter (maybe only direct access allowed) .. but what
> about a web sdr (like the one in twente/pa .. or the dozens of others
> in the net)
>
> as long as you only receive ... not even a ham license is needed (you
> can listen to ham transmissions as an swl)
>
> so what are the rules there in france??
>
> (yes i kjnow it is a bit off topic ... but maybe someone wants to
> build a remote receiver with funcube and multipsk software?!?)
>
> dg9bfc sigi
>
> Am 25.02.2017 um 17:45 schrieb 'Patrick Lindecker' f6cte@...
> <mailto:f6cte@...> [FUNcube]:
>
> *New release of MULTIPSK (4.31.4)*
>
> **
>
> /Pour les francophones: la version en fran?ais de ce message se
> trouve sur mon site (http://f6cte.free.fr). Il suffit de cliquer
> sur le lien "_Principales modifications (courriel avertissant de
> la sortie de la nouvelle version)_"./
>
> *
> *Hello to all Ham and SWL,
>
> The new release of *MultiPSK (4.31.4) *is on my Web site
> (http://f6cte.free.fr).
> The mirror site is Earl's, N8KBR:
> http://www.eqth.info/f6cte/MULTIPSK_setup.exe
>
> The MD5 signature of the downloaded MULTIPSK_setup.exe file to,
> possibly, check (with WinMD5 for example), that the downloading
> works without error, is equal to: 6ce0ddb50472209992757f0ad3e6cba5
>
> Multipsk associated to Clock are freeware programs but with
> functions submitted to a licence (by user key).
>

> *The main improvement of Multipsk 4.31.4 is an addition of a SDR
> TCP/IP interface.*
>
> **
>
> *_Main goal
>
>
> _*
>
> This new version proposes a SDR TCP/IP interface able to interface
> SdR receivers, as the direct or EXTIO interfaces. It is simple and
> can be used for an exchange between:
> * a client program (Multipsk, for example),
> * a SdR (local or remote) able to transmit IQ 16 bits samples,
> at a sampling rate of
> 48000 Hz.
>
> For developers, it is proposed programs permitting a complete
> simulation of a server and a client (see below).
>
> This version of Multipsk managed a basic application, i.e. the
> mandatory part of the version 0 of the protocol:
>
> * the default sampling frequency (48000 Hz),
>
> * the default hardware type managed: 3 (16 bits, IQ),
>
> * the mandatory procedures (Pversion, HWMPcapa, InitHWMP,
> Set_HWLO, Received, Bug_on_P).
>
> The hardware type 4 (with only a frequency control, data coming
> from a specific sound card, as for the Funcube) is also managed by
> Multipsk.
>
> It will be possible to manage either a SDR server located in the
> same PC or a remote SDR server. In other words, it would be
> possible to decode transmissions from your receiver located in an
> other place, if autorized in your country.
>
> *_Typical working for the user_*
>
> In the standard option, the SDR server file must be in the same
> directory as Multipsk. As an example, it is proposed, for a test,
> a simulation of server SDR_TCP_IP_TEST.exe. This pseudo-server
> generates and sends an IQ signal at 6000 Hz (square wave).
>
> After having started Multipsk, push on the pink ?*SdR TCP/IP*?
> button of the ?*I/Q interfaces for SdR transceivers*? panel. Push
> on the ?*Connection*? button. Once the connection done, the number

> after ?*N=*? (number of data) increases. Close this TCP/IP window
> and push on ?*RX/TX screen*?, as usual. The 6000 Hz signal will be
> visible in the SdR waterfall.
>
> Extract from the manual:
> ??????????????????????????????.
>
> - If the "*SDR TCP/IP*" button is pushed, the SdR interface is
> forced.
>
> Indeed, Multipsk can be a TCP/IP client and exchange data or
> commands with a SDR TCP/IP server local or distant ("*Remote*"
> button). The standard is a local server (SDR_TCP_IP_xyz.EXE) in
> "local loop" using the standard IP address 127.0.0.1 and located
> in the Multipsk directory of your PC. However, it is possible to
> use a remote server via Internet (with any IP address or DNS).
>
> Moreover, the "*+Speaker*" may be pushed, to listen to the
> demodulated sound.
>
> The "*Transceiver*" window on the "RX/TX" screen permits to
> control the frequency of the SDR.
>
> ??????????????????????????????.
>
> Click on the button to reach help.
>
> *_For the SdR manufacturer_*
>
> *Now what is proposed is only a simulation? For the ones having a
> SdR receiver (except RTL SDR dongles, directly managed by
> Muktipsk), if you want to have your SdR directly interfaced to
> Multipsk (and, perhaps, to other programs in the future), you have
> to forward this message to your SdR manufacturer. Maybe, he will
> find interest to develop the necessary server interface, for the
> satisfaction of his/her clients. *
>
> **
>
> _For the SDR manufacturer_, here are presented the different files
> necessary to implement the protocol SDR TCP/IP INTERFACE Version
> 0. These files are included in the
> SDR_TCP_IP_INTERFACE_Version_0.ZIP package, available at this WEB
> address: http://f6cte.free.fr/SDR_TCP_IP_INTERFACE_Version_0.ZIP
>
> ? The ? SDR_TCP_IP_INTERFACE_V_0.docx ? file gives the
> description of the protocol.
>
> ? The ? Client_in_C++ ? and ? Server_in_C++ ? files are very
> simple programs only able to establish a TCP/IP communication.

> These programs are generated in C++ (C++Builder 6 Borland). They
> are supposed built in the
> C:\SDR_TCP_IP_INTERFACE directory.
>
> ? The ? Client_in_Delphi ? and ? Server_in_Delphi ? files
> are very simple programs only able to establish a TCP/IP
> communication. These programs are generated in Delphi 6 (Borland).
>
> ? The ? Complete simulation of a SDR TCP-IP client in Delphi ?
> file can be used as a model for a true SDR TCP/IP client program
> (called ? CP ? in the protocol), as for example a decoding
> program. It is issued from Multipsk.
>
> ? The ? Complete simulation of a SDR TCP-IP server in Delphi ?
> file can be used as a model for a true SDR TCP/IP server program
> (called ? MP ? in the protocol). It is interfaced with the SDR
> hardware and the client program.It has the general equivalent
> role of the EXTIO file. These two last programs are generated in
> Delphi 6 (Borland).
>
> _Questions of the SDR manufacturer_can be asked either to the
> author (about the protocol) or, in English, to the Multipsk Yahoo
> group (about needs of SDR users or feedback).
>
> _Note about TLE files_: if you use the "*Satellites*" option,
> don't forget to download
>
> (with the "*Downloading*" button) the 5 recent TLE files
> (amateur.txt, argos.txt, orbcomm.txt, stations.txt, weather.txt).
>
> _Note about translation of Multipsk.exe and Clock .exe_: the
> 4.31.3 version of Multipsk has been completly translated to
> Spanish by Joachin (EA4ZB), from French. The translation file is
> on my Web site (http://f6cte.free.fr/Translation_files.htm).
>
> 73
>
> Patrick
>
> **
>
>
>
>
>
>

10158. Re:: Funcube telemetry format

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-01 14:09:17 UTC
From: jgrant1993@...
Topic: 8727 Message: 10158

Hi All,

I have am currently trying to use the 'trydecoder' file that was created by Phil.
So to date I have ran the makefile, and created, trydecode Decoder.o DECDecode.o trydecode.o.

A couple of questions that have arose:

1) Is running the Makefile enough to run the program ? or do other commands need to be ran after running the makefile?

2) How do you input a .wav file or FCDPP real time?

3) how do you see the telemtry info?

this has been a great project thus far.
Thank you for making this info public.

Regards,
Jason.

10159. Re:: Funcube telemetry format

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-01 13:41:25 UTC
From: jgrant1993@...
Topic: 8727 Message: 10159

Hi All,

I have set up a Raspberry Pi 3 with a funcube dongle, I am looking to decode the telemetry from the FCDPP or a .Wav file.
I have ran the makefile in the 'trydecoder' that Phil constructed, and It has created: Decoder.o FECDecode.o trydecode and trydecode.o.

Following this i have a couple of questions:

1) Is running the makefile actually running the program or once i have ran the makefile is there other commands i need to run to get the telemetry.

2) how do i input either a .wav or FCDPP?

3) how to I show the decoded telemetry?

Thank you for realeasing this information, Its been a great interesting project thus far.

Regards,
Jason

10160. Re: [FUNcube] Re:: Funcube telemetry format

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-01 21:31:32 UTC
From: Robin Gape (lists)
Topic: 8727 Message: 10160

Jason,

in respect of your first question, a Makefile will compile a program.
The Makefile as such does not run the compiled program.

As for questions 2 and 3, that needs someone with more direct experience
to answer.

HTH, 73,

Robin, G8DQX

On 01/03/17 14:09, jgrant1993@... [FUNcube] wrote:
>
> Hi All,
>
>
> I have am currently trying to use the 'trydecoder' file that was
> created by Phil.
> So to date I have ran the makefile, and created, trydecode Decoder.o
> DECDecode.o trydecode.o.
>
> A couple of questions that have arose:
>
> 1) Is running the Makefile enough to run the program ? or do other
> commands need to be ran after running the makefile?
>
> 2) How do you input a .wav file or FCDPP real time?
>
> 3) how do you see the telemtry info?
>
> this has been a great project thus far.
> Thank you for making this info public.
>
> Regards,
> Jason.

10161. Berry Islands Bahamas on Sats + SHERPA SpaceX

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-03 12:34:06 UTC
From: M5AKA
Topic: 10161 Message: 10161

Amateur radio satellite activation of Berry Islands, Bahamas, March 4-10 FM and SSB satellites
https://amsat-uk.org/2017/02/18/berry-islands-bahamas/

GeekWire report: Citing schedule slips, Spaceflight rebooks 89 satellites on SpaceX’s launch list #SHERPA
http://www.geekwire.com/2017/spaceflight-sherpa-89-satellites-spacex/

Amateur Radio CubeSat Nayif-1 transmits Vice President’s message
https://amsat-uk.org/2017/02/25/nayif-1-uae-vice-president-message/

Nayif-1 is now EO-88
https://amsat-uk.org/2017/02/27/oscar-number-for-nayif-1/

AMSAT-UK International Space Colloquium Milton Keynes October 14-15, 2017
https://amsat-uk.org/colloquium/
Call for speakers
https://amsat-uk.org/2017/02/03/international-space-colloquium-first-call-for-speakers/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10162. Re:: Funcube telemetry format

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-05 22:28:45 UTC
From: gm8oti@...
Topic: 8727 Message: 10162

Hi Jason

I started looking at this some time ago, though have only just got back to it after a year or so away. I did initial experiments with trydecode on my desktop Linux system, and am about to shift it to my own RPi 3 (I decided that my old RPi 1 model B probably isn't up to it, though not yet tested!).

To start with, if you've got trydecode compiling OK then you should have all the libraries there; I'm assuming you have a file called "trydecode" after the make, which is executable.

If you look inside trydecode.cpp you should see the lines where it opens the .wav file - in the version I had it was looking for a file "test.wav". So if you have an audio file of the satellite you can rename to test.wav in the same directory as trydecode, it should open it.

The output is sent to stdout, so you'll see it on the screen or you can send it to a file (which you'll need for the next experiments!). The decoded output appears as blocks of hexadecimal bytes, formatted as text. The FUNcube project has provided some nice .wav files that are useful for testing, but you can record your own.

I wrote a simple "dashboard" using python to take this decoded stuff and display the telemetry as it comes in, so have an almost working setup.

However I really also want to get it going with a cheapo DVB-T stick rather than the FUNcube dongle, so still have some work to do on that end of the pipeline!

If none of this makes much sense to you then you probably need to read up a bit on the programming and command line side of things; I found that I ended up making quite a few minor changes to the trydecode code (such as commenting out monitoring stuff, adding some debug of my own, and adding stuff to make pipeline processing easier). Certainly I found that "trydecode" is not a complete and final solution, there's quite a lot more work needed. It's a fantastic start though.

As I get going again with this I will post stuff online, but send me an email if you'd like me to keep you updated when I finally get going again. At present I'm still getting the stuff back together - I've a talk to give to out local radio club (Lothians RS) on Wednesday on the Raspberry Pi which is one reason I'd started to get this going again.

Good luck with your project,

John
GM8OTI

10163. Re:: Funcube telemetry format

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-08 13:50:05 UTC
From: jgrant1993@...
Topic: 8727 Message: 10163

Hi All,

That feedback was excellent thank you.

Has anyone got the program shown on http://www.g0hww.net/search?q=funcube
http://www.g0hww.net/search?q=funcube.
Using fcdec on Ubuntu 13.10 http://www.g0hww.net/2013/12/using-fcdec-on-ubuntu-1310.html
I ran it but it is 'Waiting for new command on port 12345.' Has anyone got this working im unable thus far to connect to my pi over a port 12345.
If anyone has got it working I would love to hear the steps involved.

Regards,
Jason

10164. CAS-4A and CAS-4B Linear Transponder Frequencies Announced

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-13 20:04:14 UTC
From: M5AKA
Topic: 10164 Message: 10164

Frequencies for the CAS-4A and CAS-4B Linear Transponder satellites have been announced by IARU - a launch was planned for March 31, 2017
https://amsat-uk.org/2017/03/13/cas-4a-cas-4b-transponder-sats-2/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10165. EO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-17 18:44:11 UTC
From: Graham Shirville
Topic: 10165 Message: 10165

Hi folks,

FUNcube/AO73 is now in full time amateur mode with the transponder ON. The plan is for it to switch back to auto mode on Sunday pm UTC as usual but, for operational reasons, this may be delayed until Monday pm UTC.

Please see below for other FUNcube transponder info

Have FUN with the transponder.

73s Graham G3VZV and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, eg Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

The nominal transponder frequencies are:

Uplink: 435.150 - 435.130 MHz LSB (Inverting)
Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 - 435.060 MHz LSB (Inverting)
Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79 FUNcube-3
Due to power budget constraints the transponder cannot be operational 24/7 and an orbit specific schedule has been developed. The transponder will commence operation 27 minutes after the spacecraft enters sunlight and will stay on for a period of 25 minutes. This schedule may be modified in future months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very grateful for the assistance given by Innovative Solution In Space Bv, The Netherlands.

10166. Newbie

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-23 04:29:03 UTC
From: almassaro@...
Topic: 10166 Message: 10166

Thanks for letting me in, have not been chasing birds long, but totally engrossed in telemetry from them. I have what is probably a dumb question here, but I cannot find an answer anywhere else. Would someone be kind enough to tell me if 0 (zero) indicates in eclipse, or does it indicate in safe mode or not. I guess I would also ask if there is some documentation to understand and interpret all of the data on the dashboards.
Thanks in Advance
Al M
KF5SMH
DM66at

10167. AO73 weekend operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-24 20:47:54 UTC
From: Graham Shirville
Topic: 10167 Message: 10167

Hi folks,

FUNcube/AO73 is now in full time amateur mode with the transponder ON. The plan is for it to switch back to auto mode on Sunday pm UTC as usual. Please see below for other FUNcube transponder info

Have FUN with the transponder.

73s Graham G3VZV and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

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EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
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Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

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10168. Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-28 20:21:32 UTC
From: vortilon73@...
Topic: 10168 Message: 10168

My FUNcube dongle seems to be broken so where can I send it for repair and what conditions?

Regards,
Martin

10169. Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-29 10:49:13 UTC
From: David J Taylor
Topic: 10168 Message: 10169

From: vortilon73@... [FUNcube]

My FUNcube dongle seems to be broken so where can I send it for repair and
what conditions?

Regards,
Martin
==========

Where did you purchase it from, Martin?

Cheers,
David
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...
Twitter: @gm8arv

10170. Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-29 11:52:47 UTC
From: <f6hdw@...>
Topic: 10168 Message: 10170

Hello David,
i have the same problem with my 2 Funcube (seems to be broken).
One normal and one Pro.
I purchased these Funcube on your Website.
Where send it for repair ?
Regards.
Jean Claude F6HDW

From: 'David J Taylor' david-taylor@... [FUNcube]
Sent: Wednesday, March 29, 2017 12:49 PM
To: FUNcube@...
Subject: Re: [FUNcube] Where to send FUNcube dongle for repair?

From: vortilon73@... [FUNcube]

My FUNcube dongle seems to be broken so where can I send it for repair and
what conditions?

Regards,
Martin
==========

Where did you purchase it from, Martin?

Cheers,
David
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@blueyonder.co.uk
Twitter: @gm8arv

10171. Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-29 13:46:03 UTC
From: David J Taylor
Topic: 10168 Message: 10171

Hello David,
i have the same problem with my 2 Funcube (seems to be broken).
One normal and one Pro.
I purchased these Funcube on your Website.
Where send it for repair ?
Regards.
Jean Claude F6HDW
==========

Not on my Web site, Jean-Claude - http://www.satsignal.eu. I don't sell FUNcubes, I'm just a user.

Please check again.

Cheers,
David
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...
Twitter: @gm8arv

10172. Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-29 14:25:27 UTC
From: <f6hdw@...>
Topic: 10168 Message: 10172

My apologies David
i made a mistake with your name and Howard Long
These funcube were purchased from Halincrest.
Regards
Jean Claude F6HDW

From: 'David J Taylor' david-taylor@... [FUNcube]
Sent: Wednesday, March 29, 2017 3:46 PM
To: FUNcube@...
Subject: Re: [FUNcube] Where to send FUNcube dongle for repair?

Hello David,
i have the same problem with my 2 Funcube (seems to be broken).
One normal and one Pro.
I purchased these Funcube on your Website.
Where send it for repair ?
Regards.
Jean Claude F6HDW
==========

Not on my Web site, Jean-Claude - http://www.satsignal.eu. I don't sell FUNcubes, I'm just a user.

Please check again.

Cheers,
David
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...
Twitter: @gm8arv

10173. Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-29 16:54:37 UTC
From: Siegfried Jackstien
Topic: 10168 Message: 10173

martin ... i already answered to jean claudes mail ...

send it to howard

dg9bfc sigi

Am 28.03.2017 um 20:21 schrieb vortilon73@... [FUNcube]:
>
> My FUNcube dongle seems to be broken so where can I send it for repair
> and what conditions?
>
>
> Regards,
>
> Martin
>
>

10174. Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-29 16:53:49 UTC
From: Siegfried Jackstien
Topic: 10168 Message: 10174

send them to howard

i once had a broken fcd and when i sent him the defective unit he told
me to give him the tracking number ... ?!?!?!?

i gave him the tracking number of the parcel and he sent me a
replacement right the same day!! ... so i was back on air in just 3 days :-)

lucky i was :-D

you should write howard a mail and he will tell you where to send it and
what are the repair conditions (if it is free, or you have to pay a
small fee ... or if he will send a new one like he did when i had the
same problem)

greetz

sigi dg9bfc

Am 29.03.2017 um 14:25 schrieb f6hdw@... [FUNcube]:
>
> My apologies David
> i made a mistake with your name and Howard Long
> These funcube were purchased from Halincrest.
> Regards
> Jean Claude F6HDW
> *From:* 'David J Taylor' david-taylor@... [FUNcube]
> *Sent:* Wednesday, March 29, 2017 3:46 PM
> *To:* FUNcube@...
> *Subject:* Re: [FUNcube] Where to send FUNcube dongle for repair?
>
> Hello David,
> i have the same problem with my 2 Funcube (seems to be broken).
> One normal and one Pro.
> I purchased these Funcube on your Website.
> Where send it for repair ?
> Regards.
> Jean Claude F6HDW
> ====================================
>
> Not on my Web site, Jean-Claude - http://www.satsignal.eu. I don't sell
> FUNcubes, I'm just a user.
>
> Please check again.
>
> Cheers,
> David

> --
> SatSignal Software - Quality software written to your requirements
> Web: http://www.satsignal.eu
> Email: david-taylor@...
> Twitter: @gm8arv
>
>

10175. Spring OSCAR News + Beginners Guides

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-31 14:28:35 UTC
From: M5AKA
Topic: 10175 Message: 10175

Spring issue of AMSAT-UK publication OSCAR News is now available for e-members to download
https://amsat-uk.org/2017/03/31/spring-2017-oscar-news/
Chertsey Radio Club issue new Beginners Guides to Satellite Operating
https://amsat-uk.org/2017/03/30/beginners-guides-to-satellite-operating/

Video of Jo Hinchliffe MW6CYK @concreted0g presentation at PocketQube Workshop in Delft, Netherlands
https://www.youtube.com/watch?v=8D2y65d634s

On May 9, 2016 students at the Kings School, Ottery St Mary had an ARISS contact with ISS astronaut Tim Peake GB1SS. Following a recent training course, 5 students and 2 staff from the school have successfully passed their Amateur Radio Foundation exam
https://www.facebook.com/amsatuk/posts/1344400575602988
The Kings School ARISS contact featured in the TX Factor Show
https://amsat-uk.org/2016/06/07/tx-factor-kings-school-iss/

ITF-2 (YUI-2) Satellite Update
https://amsat-uk.org/2017/03/28/itf-2-yui-2-update/

IARU Satellite Frequency Coordination status pages
http://www.amsat.org.uk/iaru/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10176. Re: EO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-03-31 19:31:33 UTC
From: Jim Heck
Topic: 10165 Message: 10176

Hi folks,

FUNcube/AO73 is now in full time amateur mode with the transponder ON. The plan is for it to switch back to auto mode on Sunday pm UTC as usual.

Please see below for other FUNcube transponder info

Have FUN with the transponder.

73s Jim G3WGMand the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, eg Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

The nominal transponder frequencies are:

Uplink: 435.150 - 435.130 MHz LSB (Inverting)
Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 - 435.060 MHz LSB (Inverting)
Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79 FUNcube-3
Due to power budget constraints the transponder cannot be operational 24/7 and an orbit specific schedule has been developed. The transponder will commence operation 27 minutes after the spacecraft enters sunlight and will stay on for a period of 25 minutes. This schedule may be modified in future months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very grateful for the assistance given by Innovative Solution In Space Bv, The Netherlands.

10177. AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-04-02 19:25:53 UTC
From: Graham Shirville
Topic: 10165 Message: 10177

Hi folks,

FUNcube/AO73 is now in autonomous mode for the week.

Please see below for all FUNcube mission info

73s Graham G3VZV and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, eg Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

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EO79 FUNcube-3
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When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very grateful for the assistance given by Innovative Solution In Space Bv, The Netherlands.

_____
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Subscription settings: http://www.amsat.org/mailman/listinfo/amsat-bb

10178. AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-04-07 20:07:47 UTC
From: Graham Shirville
Topic: 10165 Message: 10178

Hi folks,

AO73/FUNcube is now in amateur mode for the weekend with the transponder on!

Please see below for all FUNcube mission info

73s Graham G3VZV and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

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Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

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EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

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_____
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are solely those of the author, and do not reflect the official views of AMSAT-NA.
Not an AMSAT-NA member? Join now to support the amateur satellite program!
Subscription settings: http://www.amsat.org/mailman/listinfo/amsat-bb

10179. NewBie

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-04-08 20:49:27 UTC
From: Karl Leite PS7KM
Topic: 10179 Message: 10179

Hi Fellows:
My name is Karl Leite, living in Natal, Brazil. Also, PS7KM.I am new in SDR. Recently, I got sdr FUNCube Pro+ but, no luck to setupand run. I tried several times. My interests are air, track air, swl etc. If possible, I would like get any help to run that dongle. Tnx in advance.Vy 73 ====
Karl Leite, PS7KM
Natal, RN, Brasil
ps7km@yahoo.com.br

10180. Re: [FUNcube] NewBie

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-04-09 10:32:17 UTC
From: Siegfried Jackstien
Topic: 10179 Message: 10180

what software did you try out???

what operating system are you using (what win version)??

is fcdpp found in device manager?? (you hear the "dading" sound when plugging in the dongle)??

....

that is what i recommend:

try out hdsdr (www.hdsdr.de) ...

download the extio driver for fcdp and copy that driver in hdsdr folder

hdsdr is an easy to use sdr soft (in my view) ... it is free and it does not need toooo much cpu horsepower to run :-)

in hdsdr you have to select the dongle as input soundcard ... and your onboard soundcard for the output (towards speaker)

then it runs fine

wanna decode digital signals like psk, rtty etc??

then i recommend multipsk cause it can decode a few dozen different modes ... and it can directly control fcdpp (so no need to use a seperate sdr soft together with the digital decoding soft)

....

we sure can help you when you give us some details (what software what os etc etc.)

greetz

sigi dg9bfc

Am 08.04.2017 um 20:49 schrieb Karl Leite PS7KM ps7km@...
[FUNcube]:
> Hi Fellows:
>
> My name is Karl Leite, living in Natal, Brazil. Also, PS7KM.
> I am new in SDR. Recently, I got sdr FUNCube Pro+ but, no luck to setup
> and run. I tried several times. My interests are air, track air, swl etc.
> If possible, I would like get any help to run that dongle.
> Tnx in advance.
> Vy 73
> ====

> Karl Leite, PS7KM
> Natal, RN, Brasil
> ps7km@...*<http://pt7aa.fordx.org/>*
>

10181. Re: [FUNcube] NewBie

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-04-11 11:25:00 UTC
From: Karl Leite PS7KM
Topic: 10179 Message: 10181

Hi Sigi,Good morning,I`m sorry to reply too late. I was out of home.I started FunCubePro+ swling and listening planes etc.Running SdrSharp. Win 10. Note Dell, I7.But, I tried to run AirSpy and no luck. AirSpy needsanother software to run?? I will download HDSDR. And, I will tell you whats happen.Thank your very much for your help.Vy 73, ====
Karl Leite, PS7KM
Natal, RN, Brasil
ps7km@...

Em Domingo, 9 de Abril de 2017 7:53, "Siegfried Jackstien siegfried.jackstien@... [FUNcube]" <FUNcube@...> escreveu:

  what software did you try out??? what operating system are you using (what win version)?? is fcdpp found in device manager?? (you hear the "dading" sound when plugging in the dongle)?? .... that is what i recommend: try out hdsdr (www.hdsdr.de) ... download the extio driver for fcdp and copy that driver in hdsdr folder hdsdr is an easy to use sdr soft (in my view) ... it is free and it does not need toooo much cpu horsepower to run :-) in hdsdr you have to select the dongle as input soundcard ... and your onboard soundcard for the output (towards speaker) then it runs fine wanna decode digital signals like psk, rtty etc?? then i recommend multipsk cause it can decode a few dozen different modes ... and it can directly control fcdpp (so no need to use a seperate sdr soft together with the digital decoding soft) .... we sure can help you when you give us some details (what software what os etc etc.)
greetz sigi dg9bfc

Am 08.04.2017 um 20:49 schrieb Karl Leite PS7KM ps7km@yahoo.com.br [FUNcube]:

  Hi Fellows:
My name is Karl Leite, living in Natal, Brazil. Also, PS7KM. I am new in SDR. Recently, I got sdr FUNCube Pro+ but, no luck to setup and run. I tried several times. My interests are air, track air, swl etc. If possible, I would like get any help to run that dongle. Tnx in advance. Vy 73   ====
Karl Leite, PS7KM
Natal, RN, Brasil
ps7km@...

10182. Re: [FUNcube] NewBie

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-04-11 16:58:21 UTC
From: Siegfried Jackstien
Topic: 10179 Message: 10182

i highly recommend to install NOT in programms folder but a different one (example d:/hamsoft/hdsdr or whatever fits your needs)

reason is in all newer windoze systems the programms folder are write protected

but you need to store settings (like ppm correction, used hardware etc.)

so better use a different folder

....

for ALL hardware in hdsdr you need a special driver (extio_xyz.dll)

you will find them on the hdsdr page (or a link to the hardware builder that also has to write the extio driver)

the neat idea behind that is ... hdsdr has not to be rebuilt when a new hardware is available ... just the extio for that hardware has to be written and no need to do any changes in hdsdr

if hdsdr find only one extio in its folder when starting ... then that hardware is started and used

if you have sebveral different ectio drivers (like i have here) cause you have different setups (say an rtl dongle, and your fcdpp)

then you just have to drop all of the extio drivers in the hdsdr folder and when starting a box pops up where you have to select what driver to use (what hardware to start)

....

airspy also can be used with sdrsharp (as far as i know) ... but you have to SELECT it in the software after start

....

in hdsdr you select the hardware BEFORE or at start of the soft

....

when hdsdr is running but you have no re3ceive ... then in hdsdr the wrong input is selected

yes you also have to select the input soundcard in hdsdr even if you before selected the correct extio driver

that are tweo different kind of shoes :-)

in nearly all software for sdr you have TWO selections to be done

one is the radio port (what hardware is used so the sdr soft can send
the correct commands to the hardware for frequency, gainsettings etc.)

and the other is the "sound" port for the input signal

(to be really exact there is a third selection to be done ... what
OUTPUT soundcard to use towards speaker)

in my view hdsdr is easy to use

and can be synced to external rigs via omnirig driver, doppler
correction can be done with a sat tracking soft via dde link, recording
scheduler and memory manager for user memorys ... eibi statioin list can
be included etc etc.

many options possible (but still a user friendly gui)

feel free to ask if you have questions or need infor about a setting

....

for digital modes i recommend multipsk or fldigi

greetz

sigi dg9bfc

Am 11.04.2017 um 11:25 schrieb Karl Leite PS7KM ps7km@...
[FUNcube]:
> Hi Sigi,
> Good morning,
> I`m sorry to reply too late. I was out of home.
> I started FunCubePro+ swling and listening planes etc.
> Running SdrSharp. Win 10. Note Dell, I7.
> But, I tried to run AirSpy and no luck. AirSpy needs
> another software to run??
> I will download HDSDR. And, I will tell you whats happen.
> Thank your very much for your help.
> Vy 73,
> ====
> Karl Leite, PS7KM
> Natal, RN, Brasil
> ps7km@...*<http://pt7aa.fordx.org/>*
>
>
> Em Domingo, 9 de Abril de 2017 7:53, "Siegfried Jackstien
> siegfried.jackstien@... [FUNcube]" <FUNcube@...>
> escreveu:
>
>
> what software did you try out???
> what operating system are you using (what win version)??

> is fcdpp found in device manager?? (you hear the "dading" sound when
> plugging in the dongle)??
> ....
> that is what i recommend:
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> onboard soundcard for the output (towards speaker)
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> then i recommend multipsk cause it can decode a few dozen different
> modes ... and it can directly control fcdpp (so no need to use a
> seperate sdr soft together with the digital decoding soft)
> ....
> we sure can help you when you give us some details (what software what
> os etc etc.)
> greetz
> sigi dg9bfc
>
>
> Am 08.04.2017 um 20:49 schrieb Karl Leite PS7KM ps7km@...
> <mailto:ps7km@...> [FUNcube]:
>> Hi Fellows:
>>
>> My name is Karl Leite, living in Natal, Brazil. Also, PS7KM.
>> I am new in SDR. Recently, I got sdr FUNCube Pro+ but, no luck to setup
>> and run. I tried several times. My interests are air, track air, swl
>> etc.
>> If possible, I would like get any help to run that dongle.
>> Tnx in advance.
>> Vy 73
>> ====
>> Karl Leite, PS7KM
>> Natal, RN, Brasil
>> ps7km@... <mailto:ps7km@...>*<http://pt7aa.fordx.org/>*
>
>
>
>

10183. Nayif-1 Data Warehouse Outage

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-04-17 05:47:05 UTC
From: dave@...
Topic: 10183 Message: 10183

Hi,

We are experiencing some problems with the server that hosts the data warehouse, please bear with us while we ivestigate.

Packets captured by Dashboards will be uploaded when the warehouse comes back online, automatically.

73

Dave, G4DPZ

10184. Duchifat-2 + PocketQube Workshop Slides

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-04-21 21:18:16 UTC
From: M5AKA
Topic: 10184 Message: 10184

Israeli High School Students Build CubeSat Duchifat-2
https://amsat-uk.org/2017/04/21/israeli-high-school-students-cubesat/

PocketQube Workshop presentation slides released and video of OzQube-1 presentation
https://amsat-uk.org/2017/04/21/pocketqube-workshop-presentation-slides-released/

South African QB50 CubeSats
https://amsat-uk.org/2017/04/15/south-african-qb50-cubesats/

Low-Cost 10 GHz SSB Receiver
https://amsat-uk.org/2017/04/21/low-cost-10-ghz-ssb-receiver/

IARU Satellite Frequency Coordination status pages
http://www.amsat.org.uk/iaru/

Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

10185. QB50 CubeSats deploy from ISS next week

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-05-12 21:16:06 UTC
From: M5AKA
Topic: 10185 Message: 10185

QB50 CubeSats deploy from ISS next week
https://amsat-uk.org/2017/05/12/qb50-cubesats-iss-deployment/

UBSEDS24 around-the-world Balloon with SSDV successfully launched
https://amsat-uk.org/2017/05/05/ubseds24-2nd-attempt/

Amateur Radio Satellite Operation in Algeria
https://amsat-uk.org/2017/05/02/algeria-satellite-activation/

AMSAT-UK International Space Colloquium Milton Keynes Oct 14-15 – Call for Speakers
https://amsat-uk.org/2017/02/03/international-space-colloquium-first-call-for-speakers/

Trevor M5AKA

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Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10186. AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-05-18 18:32:54 UTC
From: Graham Shirville
Topic: 10165 Message: 10186

Hi folks,

AO73/FUNcube-1 is now in amateur mode for an extended weekend with the transponder on to enable demonstration QSOs to take place in sunny Dayton - have FUN everyone!

Please see below for all FUNcube mission info

73s Graham G3VZV and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, eg Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

The nominal transponder frequencies are:

Uplink: 435.150 - 435.130 MHz LSB (Inverting)
Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds

when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 - 435.060 MHz LSB (Inverting)
Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79 FUNcube-3
Due to power budget constraints the transponder cannot be operational 24/7 and an orbit specific schedule has been developed. The transponder will commence operation 27 minutes after the spacecraft enters sunlight and will stay on for a period of 25 minutes. This schedule may be modified in future months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very grateful for the assistance given by Innovative Solution In Space Bv, The Netherlands.

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10187. QB50 CubeSats Deploy May 23-25 + CQ Mag Honors Britons

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-05-20 12:53:44 UTC
From: M5AKA
Topic: 10187 Message: 10187

Phase 2 of QB50 ISS CubeSat Deployments May 23-25
https://amsat-uk.org/2017/05/20/qb50-iss-cubesats-phase-2/

CQ Magazine honours Britons involved in Astro Pi project
https://amsat-uk.org/2017/05/19/cq-mag-honors-astro-pi-britons/

Join AMSAT-UK
https://amsat-uk.org/2017/05/19/join-amsat-uk-11/

LilacSat-1 CubeSat with FM-Codec2 transponder and APRS to deploy from ISS
https://amsat-uk.org/2017/05/19/lilacsat-1-cubesat-iss/

Nexø II Rocket – Alexandru Csete OZ9AEC describes the video system which uses the Raspberry Pi
https://amsat-uk.org/2017/05/16/nexo-ii-rocket-onboard-video/

JY1SAT with SSB/CW transonder and Slow Scan Digital Video (SSDV) applies for frequency coordination
https://amsat-uk.org/2017/05/16/jy1sat-frequency-coordination/

AMSAT-UK International Space Colloquium Milton Keynes Oct 14-15 – Call for Speakers
https://amsat-uk.org/2017/02/03/international-space-colloquium-first-call-for-speakers/

Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

10188. Re: [FUNcube] QB50 CubeSats Deploy May 23-25 + CQ Mag Honors Britons

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-05-23 05:48:35 UTC
From: Mary Echternacht
Topic: 10187 Message: 10188

I would like to buy 1 poster ($100.00) and 1 postcard ($75.00) my address is 1713 Colorado Ave. N E, St. Petersburg, FL 33703 USA, how do I pay? Thanks and 73 AC0PY Richard Echternacht, For the Nex0 ll Rocet

On ☐Saturday☐, ☐May☐ ☐20☐, ☐2017☐ ☐08☐:☐54☐:☐05☐ ☐AM☐ ☐EDT, M5AKA m5aka@... [FUNcube] <FUNcube@...> wrote:

Phase 2 of QB50 ISS CubeSat Deployments May 23-25
https://amsat-uk.org/2017/05/20/qb50-iss-cubesats-phase-2/

CQ Magazine honours Britons involved in Astro Pi project
https://amsat-uk.org/2017/05/19/cq-mag-honors-astro-pi-britons/

Join AMSAT-UK
https://amsat-uk.org/2017/05/19/join-amsat-uk-11/

LilacSat-1 CubeSat with FM-Codec2 transponder and APRS to deploy from ISS
https://amsat-uk.org/2017/05/19/lilacsat-1-cubesat-iss/

Nexø II Rocket – Alexandru Csete OZ9AEC describes the video system which uses the Raspberry Pi
https://amsat-uk.org/2017/05/16/nexo-ii-rocket-onboard-video/

JY1SAT with SSB/CW transonder and Slow Scan Digital Video (SSDV) applies for frequency coordination
https://amsat-uk.org/2017/05/16/jy1sat-frequency-coordination/

AMSAT-UK International Space Colloquium Milton Keynes Oct 14-15 – Call for Speakers
https://amsat-uk.org/2017/02/03/international-space-colloquium-first-call-for-speakers/

Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

10189. LilacSat-1 Codec2 transponder activated + TY Sats + JY1-Sat

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-05-25 19:58:13 UTC
From: M5AKA
Topic: 10189 Message: 10189

Late afternoon on Thursday, May 25 GMT the FM to Codec2 Digital Voice transponder on the LilacSat-1 CubeSat was switched-on
https://amsat-uk.org/2017/05/19/lilacsat-1-cubesat-iss/

Hunan Amateur Radio Society plan four 6U CubeSats TY2-TY3-TY4-TY5 to launch Sept 15, 2017 carrying HF/VHF/UHF retransmitting experiments, any mode. Also downlinks on 2.4 & 5.8 GHz and CW lamp signal comms experiment
http://www.amsatuk.me.uk/iaru/formal_detail.php?serialnum=556
February launch for Jordanian linear transponder and SSDV CubeSat
https://amsat-uk.org/2017/05/24/jordan-cubesat-jy1sat/

Ham Radio Awareness Program at Science City Ahmedabad
https://amsat-uk.org/2017/05/22/ham-radio-awareness-science-city/

QB50 ISS CubeSat Deployments Phase 2
https://amsat-uk.org/2017/05/20/qb50-iss-cubesats-phase-2/

Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

10190. Re: AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-05-26 19:19:49 UTC
From: Graham Shirville
Topic: 10165 Message: 10190

Hi folks,

AO73/FUNcube is now in amateur mode for the weekend with the transponder on!

Please see below for all FUNcube mission info

73s Graham G3VZV and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, eg Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

The nominal transponder frequencies are:

Uplink: 435.150 - 435.130 MHz LSB (Inverting)
Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 - 435.060 MHz LSB (Inverting)
Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79 FUNcube-3
Due to power budget constraints the transponder cannot be operational 24/7 and an orbit specific schedule has been developed. The transponder will commence operation 27 minutes after the spacecraft enters sunlight and will stay on for a period of 25 minutes. This schedule may be modified in future months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very grateful for the assistance given by Innovative Solution In Space Bv, The Netherlands.

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10191. will not recognize fcd with FCHid

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-05-29 00:39:58 UTC
From: kingofclubs77@...
Topic: 10191 Message: 10191

How can I totally reload the dongle, it will not be recognized by FCHid.exe and I cannot load with bootloader the new firmware. When i load the bin file the write is greyed out.

W1MDS

10192. Re: [FUNcube] will not recognize fcd with FCHid

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-05-29 17:42:29 UTC
From: Alan
Topic: 10191 Message: 10192

> How can I totally reload the dongle, it will not be recognized by
> FCHid.exe and I cannot load with bootloader the new firmware. When i
> load the bin file the write is greyed out.
>
Which one is it?
Has it worked before on that computer?
Any update or software changes?
Any other history?

73 Alan G4ZFQ

10193. Re: [FUNcube] will not recognize fcd with FCHid

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-05-30 00:05:21 UTC
From: Robin Gape (lists)
Topic: 10191 Message: 10193

As Alan asks, is it an *original* Funcube Dongle FCD (not manufactured for quite a while now) or the more recent Funcube Dongle Pro Plus FCDPP (current manufacture). The *serial number* should give a definitive answer. Quoting from http://www.funcubedongle.com/?p=1605:

> The original FUNcube Dongle Pro's (FCDP) have serial numbers less than
> 10,000. Serial numbers 10,000 and above are the FUNcube Dongle Pro
> Plus (FCDPP).

The modern FCDPP *does not* need its firmware updating (except for very specialised purposes, with firmware directly supplied from the designer).

An older FCD will generally have had its firmware updated in the past, unless it's been gathering dust!

The FCDPP is compatible, in a Windows environment, with *FCHID2.002.exe* (available at http://www.funcubedongle.com/?page_id=1225). Earlier control programs will not recognise it.

HTH,

Robin, G8DQX

On 29/05/17 18:42, Alan alanzfq@... [FUNcube] wrote:
>
> > How can I totally reload the dongle, it will not be recognized by
> > FCHid.exe and I cannot load with bootloader the new firmware. When i
> > load the bin file the write is greyed out.
> >
> Which one is it?

10194. FUNcube/ AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-02 12:30:27 UTC
From: Jim Heck G3WGM
Topic: 10165 Message: 10194

Hi folks,

AO73/FUNcube-1 is now in amateur mode. Switched early this weekend to facilitate special ops (Grid Squares) in the USA!

Switch back to educational mode will be done on Sunday PM UTC as usual.

Have FUN everyone!

Please see below for all FUNcube mission info

73s Jim G3WGM and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

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The nominal transponder frequencies are:

Uplink: 435.150 - 435.130 MHz LSB (Inverting)
Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds when the main OBC reboots (approx seven times each orbit).

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Downlink: 145.930 - 145.950 MHz USB
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(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79 FUNcube-3
Due to power budget constraints the transponder cannot be operational 24/7 and an orbit specific schedule has been developed. The transponder will commence operation 27 minutes after the spacecraft enters sunlight and will stay on for a period of 25 minutes. This schedule may be modified in future months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
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10195. Re: [amsat-bb] FUNcube/ AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-09 17:21:27 UTC
From: Jim Heck G3WGM
Topic: 10165 Message: 10195

Hi folks,

AO73/FUNcube-1 is now in amateur mode.

Switch back to educational mode is planned for Sunday pm UTC as usual.

Have FUN everyone!

Please see below for all FUNcube mission info

73s Jim G3WGM and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

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EO88/Nayif-1/FUNcube-5

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Downlink: 145.960-145.990 MHz USB
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10196. Protection diodes burned?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-14 09:57:07 UTC
From: thitters321@...
Topic: 10196 Message: 10196

Hello

After experimenting with a noise generator (ebay “2016 noise-source”) my funcube is deaf. A bad 12v adaptor I assume.

On the waterfall the signal strength is -140db with noise.
The lna, mixer gain and “if gain” are working. The signal strength reacts on changes. Local fm broadcast are just receivable with lna,mixer and the “if gain” 40db. 40 meters is the same a few strong stations with qrm and zero with the “if gain” off.

Any idea what is broken? The protection diodes? And is it replaceable by someone not used to work with SMD

Thanks Thijs
PA4TH

10197. New release of MULTIPSK (4.32) - AERO

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-14 21:48:10 UTC
From: Patrick Lindecker
Topic: 10197 Message: 10197

New release of MULTIPSK (4.32)

Pour les francophones: la version en français de ce message se trouve sur mon site (http://f6cte.free.fr). Il suffit de cliquer sur le lien "Principales modifications (courriel avertissant de la sortie de la nouvelle version)".

Hello to all Ham and SWL,

The new release of MultiPSK (4.32) is on my Web site (http://f6cte.free.fr).

The MD5 signature of the downloaded MULTIPSK_setup.exe file to, possibly, check (with WinMD5 for example), that the downloading works without error, is equal to: b03f485a095699b92c2791f735ed046a

Multipsk associated to Clock are freeware programs but with functions submitted to a licence (by user key).

The main improvements of MULTIPSK 4.32 are the following:

1) New mode AERO (RX)

The Inmarsat "ClassicAero" channel P service consists of downlink messages from geostationary satellites (Inmarsat 3F1, 3F2, 3F3, 3F4, 4F1 and 4AF4) to planes. These messages are transmitted from ground stations (GES) to planes (AES) (but not AES to GES), according to the "Satcom ACARS" system protocol (with "SatCom" for "Satellite Communication" and "ACARS" for "Aircraft Communication Addressing and Reporting System"). ACARS is a data protocol defined by ARINC (Aeronautical Radio, Inc). ACARS is also used in VHF ("ACARS" mode on Multipsk).

The Satcom ACARS system is used in preference to standard VHF ACARS when planes are beyond VHF range or if VHF channels are congested, particularly in Europe. The frequencies used are 1545.0 to 1545.2 MHz for 600 and 1200 bauds transmissions and 1546.0 to 1546.11 MHz for 10500 bauds transmissions.

The Inmarsat AERO satellites transmit a great number of management frames relative to transmission and satellites link. They are decoded but encrypted. Reversely, several messages are text relative to weather reports (decoded by Multipsk), flight plans, etc.. These are the only messages really interesting.

For Hams and SWL, a signal can be received:

· either from the discriminator output of a classical UHF FM receiver via a direct connection to the PC sound card (only for 600 and 1200 bauds modes),

· or, possibly, from the UHF FM receiver speaker through
a simple direct connection to the PC sound card (only for 600 and 1200 bauds modes),

· or with a SdR receiver (FunCube Dongle, RTL SDR,...)
and directly demodulated (in FM for the 600 and 1200 bauds modes and PSK for the 10500 bauds mode) by Multipsk.

Here it will be found a guide to receive and decode AERO transmissions with Multipsk: http://f6cte.free.fr/AERO_easy_with_Multipsk.pdf

This mode is available for licencied copies, only (otherwise, the decoding is stopped after 5 minutes).

See general specifications further on.

2) SDR spectrum analyzer on 250 KHz ("Spectrum SdR" button in the upper left part of the RX/TX window)

This application permits to make acquisition of I/Q signals coming from a SdR receiver (RTL/SDR keys only) and to display them under the form of a E = f(F) spectrum with "E" gain in the scale 0 to 1 (or expressed in dB) and "F" the frequency in KHz. The gain corresponding to 1 corresponds to the largest sinusoid being able to be digitalized by the SdR receiver.
A "waterfall" permits, besides, to display the spectrum versus the time, but without large precision.
The SdR receiver frequency (RTL/SDR key) can be directly tuned with a mouse click, either on the spectrum or on the waterfall.

This function is useful to have a general view of a wide band of frequencies (250 KHz). For example, to see the low AERO band (1545.0 to 1545.2 MHz), the receiver will be tuned (with the Multipsk "Transceiver" function) in the middle of this band, so 1545.1 MHz.

3) Other improvements

· Parameters management (in the "Parameters" box of the
"Configuration" screen)

The program works with a lot of parameters which can be modified by the user. These parameters are mainly stored in the CONFPSER.SER file but not only. Some management tools are proposed to the user.

The main possibility is to record all the parameters for a given configuration ("FAX", "VDL2", for example) and to come back, later, to this configuration, with just several clicks. The configurations are stored in the "CONFIGURATIONS" sub-directory of the MULTIPSK folder, as for example: C:\MULTIPSK\CONFIGURATIONS\FAX

· Weather (METAR/SPECI/TAF) uplink ACARS messages
decoded (on basic specifications only) in the AERO/HFDL/ACARS/VDL2 modes

· New sampling frequency of 1 MHz for all modes except
ADSB, when a RTL-SDR key is used, the previous 250 KHz sampling frequency

introducing noise in all bands

Note about TLE files: if you use the "Satellites" option, don't forget to download

(with the "Downloading" button) the 5 recent TLE files (amateur.txt, argos.txt, orbcomm.txt, stations.txt, weather.txt).

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Description of the Aero mode channel P (UHF, L band)

Baud rate: 600, 1200 or 10500 symbols/second.

Modulation :

· For 600 and 1200 bauds transmissions, it is used the Aviation-BPSK modulation, called also SDPSK (Symmetrical Differential Phase Shift Keying), i.e. a "0" is transmitted with a -90° shift of the carrier phase whereas the "1" is transmitted with a 90° shift. The transmission could be demodulated in PSK, but it is more simple (even if the minimum Signal to Noise ratio is not so good) to demodulate in FM. This because in PSK, the carrier phase must be followed and locked whereas in FM it is not necessary (the baseband signal is directly supplied). Moreover, for the user, the tuning needs less accuracy.

· For 10500 bauds transmissions, it is used the Aviation-QPSK modulation which is a technique which maps a "0" into a 0 degree angle and "1" into a 180 degrees angle or a "0" into a 90 degrees angle and "1" into a 270 degrees angle, alterning between the two options on successive bits. In this case, even if FM could be used, it is appropriate (an error and not PSK leadin to series of errors). So only PSK demodulation is used.

Shape of pulse : specified by two templates (upper and lower bounds) for A-BPSK and A-QPSK, to limit spectral occupancy. They seem to correspond to Root Raised Cosine filters.

Bandwidth : 800 Hz in 600 bauds, 1600 Hz in 1200 bauds and about 8000 Hz in 10500 bauds.

Demodulation : FM (600 or 1200 bauds) or PSK (600, 1200 or 10500 bauds)

Bit synchronization : automatic using the signal

Data synchronization : an unique word of 32 bits in A-BPSK and 64 bits in A-QPSK.

Correction code: no, but a CCITT checksum permits to validate each message of 12 bytes

Convolution code: FEC R=1/2, k=7

Interleaving : yes

Scrambling: yes

Lowest S/N: about +1 dB at 600 bauds, +4 dB at 1200 bauds and +14 dB at
10500 bauds.

73

Patrick

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
https://www.avast.com/antivirus

10198. CAS-4A and CAS-4B Linear Transponder Satellite Payloads Launched

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-15 12:43:59 UTC
From: M5AKA
Topic: 10198 Message: 10198

CAS-4A and CAS-4B Linear Transponder Satellite Payloads Launched
https://amsat-uk.org/2017/03/13/cas-4a-cas-4b-transponder-sats-2/

AMSAT-UK International Space Colloquium Milton Keynes October 14-15
https://amsat-uk.org/colloquium/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

| | Virus-free. www.avg.com |

10199. New release of MULTIPSK (4.32) - AERO

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-15 16:20:20 UTC
From: Stefan Georgi
Topic: 10197 Message: 10199

Hi Patrick,

my NORTON NIS considers the .exe as a threat and deletes the download.

Any reason why?

MultiPSK is a very cool program; keep up the good work.

Best regards,
Stefan
DJ5YS/KG2FD
15-June

On 14-Jun-17 23:48, 'Patrick Lindecker' f6cte@... [multipsk] wrote:
>
> *New release of MULTIPSK (4.32)*
>
> **
>
> /Pour les francophones: la version en fran?ais de ce message se trouve
> sur mon site (http://f6cte.free.fr). Il suffit de cliquer sur le lien
> "_Principales modifications (courriel avertissant de la sortie de la
> nouvelle version)_"./
>
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> *Hello to all Ham and SWL,
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> The MD5 signature of the downloaded MULTIPSK_setup.exe file to,
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>
> Multipsk associated to Clock are freeware programs but with functions
> submitted to a licence (by user key).
>
> *The main improvements of MULTIPSK 4.32*are the following:
>
> **
>
> *1) New mode AERO (RX)*
>
> The Inmarsat "ClassicAero" channel P service consists of downlink
> messages from geostationary satellites (Inmarsat 3F1, 3F2, 3F3, 3F4,
> 4F1 and 4AF4) to planes. These messages are transmitted from ground
> stations (GES) to planes (AES) (but not AES to GES), according to the

> "Satcom ACARS" system protocol (with "SatCom" for "Satellite
> Communication" and "ACARS" for "Aircraft Communication Addressing and
> Reporting System"). ACARS is a data protocol defined by ARINC
> (Aeronautical Radio, Inc). ACARS is also used in VHF ("ACARS" mode on
> Multipsk).
>
> The Satcom ACARS system is used in preference to standard VHF ACARS
> when planes are beyond VHF range or if VHF channels are congested,
> particularly in Europe. The frequencies used are 1545.0 to 1545.2 MHz
> for 600 and 1200 bauds transmissions and 1546.0 to 1546.11 MHz for
> 10500 bauds transmissions.
>
> The Inmarsat AERO satellites transmit a great number of management
> frames relative to transmission and satellites link. They are decoded
> but encrypted. Reversely, several messages are text relative to
> weather reports (decoded by Multipsk), flight plans, etc.. These are
> the only messages really interesting.
>
> For Hams and SWL, a signal can be received:
>
> ?either from the discriminator output of a classical UHF FM receiver
> via a direct connection to the PC sound card (only for 600 and 1200
> bauds modes),
>
> ?or, possibly, from the UHF FM receiver speaker through a simple
> direct connection to the PC sound card (only for 600 and 1200 bauds
> modes),
>
> ?or with a SdR receiver (FunCube Dongle, RTL SDR,...) and directly
> demodulated (in FM for the 600 and 1200 bauds modes and PSK for the
> 10500 bauds mode) by Multipsk.
>
> Here it will be found a guide to receive and decode AERO transmissions
> with Multipsk: _http://f6cte.free.fr/AERO_easy_with_Multipsk.pdf**_
>
> This mode is available for licencied copies, only (otherwise, the
> decoding is stopped after 5 minutes).
>
> See general specifications further on.
>
> **
>
> *2) SDR spectrum analyzer on 250 KHz ("Spectrum SdR" button in the
> upper left part of the RX/TX window)*
>
> **
>
> This application permits to make acquisition of I/Q signals coming
> from a SdR receiver (RTL/SDR keys only) and to display them under the
> form of a E = f(F) spectrum with "E" gain in the scale 0 to 1 (or

> expressed in dB) and "F" the frequency in KHz. The gain corresponding
> to 1 corresponds to the largest sinusoid being able to be digitalized
> by the SdR receiver.
> A "waterfall" permits, besides, to display the spectrum versus the
> time, but without large precision.
> The SdR receiver frequency (RTL/SDR key) can be directly tuned with a
> mouse click, either on the spectrum or on the waterfall.
>
> This function is useful to have a general view of a wide band of
> frequencies (250 KHz). For example, to see the low AERO band (1545.0
> to 1545.2 MHz), the receiver will be tuned (with the Multipsk
> "Transceiver" function) in the middle of this band, so 1545.1 MHz.
>
> *3) Other improvements*
>
> ?*_Parameters management _*_(in the "Parameters" box of the
> "Configuration" screen)_
>
> The program works with a lot of parameters which can be modified by
> the user. These parameters are mainly stored in the CONFPSER.SER file
> but not only. Some management tools are proposed to the user.
>
> The main possibility is to record all the parameters for a given
> configuration ("FAX", "VDL2", for example) and to come back, later, to
> this configuration, with just several clicks. The configurations are
> stored in the "CONFIGURATIONS" sub-directory of the MULTIPSK folder,
> as for example: C:\MULTIPSK\CONFIGURATIONS\FAX
>
> ?_Weather (*METAR/SPECI/TAF*) uplink ACARS messages decoded _(on basic
> specifications only) in the AERO/HFDL/ACARS/VDL2 modes
>
> ?_New sampling frequency of 1 MHz _for all modes except ADSB, when a
> RTL-SDR key is used, the previous 250 KHz sampling frequency
> introducing noise in all bands
>
> __
>
> _Note about TLE files_: if you use the "*Satellites*" option, don't
> forget to download
>
> (with the "*Downloading*" button) the 5 recent TLE files (amateur.txt,
> argos.txt, orbcomm.txt, stations.txt, weather.txt).
>
> _Note about translation of Multipsk.exe and Clock .exe_: the 4.31.4
> version of Multipsk has been completly translated to Spanish by
> Joachin (EA4ZB), from French. The translation file is on my Web site
> (http://f6cte.free.fr/Translation_files.htm).
>
> *Description of the Aero mode channel P (UHF, L band)***
>

> Baud rate: 600, 1200 or 10500 symbols/second.
>
> Modulation :
>
> ?For 600 and 1200 bauds transmissions, it is used the Aviation-BPSK
> modulation, called also SDPSK (Symmetrical Differential Phase Shift
> Keying), i.e. a "0" is transmitted with a -90? shift of the carrier
> phase whereas the "1" is transmitted with a 90? shift. The
> transmission could be demodulated in PSK, but it is more simple (even
> if the minimum Signal to Noise ratio is not so good) to demodulate in
> FM. This because in PSK, the carrier phase must be followed and locked
> whereas in FM it is not necessary (the baseband signal is directly
> supplied). Moreover, for the user, the tuning needs less accuracy.
>
> ?For 10500 bauds transmissions, it is used the Aviation-QPSK
> modulation which is a technique which maps a "0" into a 0 degree angle
> and "1" into a 180 degrees angle or a "0" into a 90 degrees angle and
> "1" into a 270 degrees angle, alterning between the two options on
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> appropriate (an error and not PSK leadin to series of errors). So only
> PSK demodulation is used.
>
> Shape of pulse : specified by two templates (upper and lower bounds)
> for A-BPSK and A-QPSK, to limit spectral occupancy. They seem to
> correspond to Root Raised Cosine filters.
>
> Bandwidth : 800 Hz in 600 bauds, 1600 Hz in 1200 bauds and about 8000
> Hz in 10500 bauds.
>
> Demodulation : FM (600 or 1200 bauds) or PSK (600, 1200 or 10500 bauds)
>
> Bit synchronization : automatic using the signal
>
> Data synchronization : an unique word of 32 bits in A-BPSK and 64 bits
> in A-QPSK.
>
> Correction code: no, but a CCITT checksum permits to validate each
> message of 12 bytes
>
> Convolution code: FEC R=1/2, k=7
>
> Interleaving : yes
>
> Scrambling: yes
>
> Lowest S/N: about +1 dB at 600 bauds, +4 dB at 1200 bauds and +14 dB
> at 10500 bauds.
>
> 73
>

> Patrick
>
> **
>
>
>
> ---
> Avast logo
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email
&utm_content=emailclient>
>
>
> L'absence de virus dans ce courrier ?lectronique a ?t? v?rifi?e par le
> logiciel antivirus Avast.
> www.avast.com
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email
&utm_content=emailclient>
>
>
>
> <#DAB4FAD8-2DD7-40BB-A1B8-4E2AA1F9FDF2>
>

10200. RE: [FUNcube] New release of MULTIPSK (4.32) - AERO

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-15 18:58:34 UTC
From: Patrick Lindecker
Topic: 10197 Message: 10200

Hello Stefan,

>my NORTON NIS considers the .exe as a threat and deletes the download. Any reason why?

No I don☐t know. Here Avast does not protest. Try with the mirror site (perhaps Norton prefers this server): Earl's, N8KBR: http://www.eqth.info/f6cte/MULTIPSK_setup.exe

73

Patrick

De : FUNcube@... [mailto:FUNcube@...]
Envoyé : jeudi 15 juin 2017 18:20
À : multipsk@yahoogroups.com; multipsk_team@yahoogroups.com; digitalradio@yahoogroups.com; UDXF@...; FUNcube@yahoogroups.co.uk
Objet : [FUNcube] New release of MULTIPSK (4.32) - AERO

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DJ5YS/KG2FD
15-June

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· New sampling frequency of 1 MHz for all modes except ADSB, when a RTL-SDR key is used, the previous 250 KHz sampling frequency introducing noise in all bands

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· For 10500 bauds transmissions, it is used the Aviation-QPSK modulation which is a technique which maps a "0" into a 0 degree angle and "1" into a 180 degrees angle or a "0" into a 90 degrees angle and "1" into a 270 degrees angle, alterning between the two options on successive bits. In this case, even if FM could be used, it is appropriate (an error and not PSK leadin to series of errors). So only PSK demodulation is used.

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Data synchronization : an unique word of 32 bits in A-BPSK and 64 bits in A-QPSK.

Correction code: no, but a CCITT checksum permits to validate each message of 12 bytes

Convolution code: FEC R=1/2, k=7

Interleaving : yes

Scrambling: yes

Lowest S/N: about +1 dB at 600 bauds, +4 dB at 1200 bauds and +14 dB at 10500 bauds.

73

Patrick

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> Avast logo

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
www.avast.com
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai

gn=sig-email&utm_content=emailclient>

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https://www.avast.com/antivirus

10201. New release of MULTIPSK (4.32) - AERO

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-15 20:00:31 UTC
From: stefan.gi@t-online.de
Topic: 10197 Message: 10201

Hello Patrick
Downloading is not the problem; I have a PC w/o Norton.
I'm just wondering if NIS is triggered by the download site or by file parameters. If it's download site your address might be black listed.
I like the sw very much. The only point to mention is the somewhat rouge GUI.
Thanks and best regards
Stefan

Sent from my Huawei Mobile

-------- Original Message --------
Subject: RE: [FUNcube] New release of MULTIPSK (4.32) - AERO
From: "'Patrick Lindecker' f6cte@free.fr [FUNcube]"
To: FUNcube@yahoogroups.co.uk
CC:

Hello Stefan,

>my NORTON NIS considers the .exe as a threat and deletes the download. Any reason why?
No I don’t know. Here Avast does not protest. Try with the mirror site (perhaps Norton prefers this server): Earl's, N8KBR: http://www.eqth.info/f6cte/MULTIPSK_setup.exe

73
Patrick

De : FUNcube@yahoogroups.co.uk [mailto:FUNcube@yahoogroups.co.uk]
Envoyé : jeudi 15 juin 2017 18:20
À : multipsk@yahoogroups.com; multipsk_team@yahoogroups.com; digitalradio@yahoogroups.com; UDXF@groups.io; FUNcube@yahoogroups.co.uk
Objet : [FUNcube] New release of MULTIPSK (4.32) - AERO

Hi Patrick,
my NORTON NIS considers the .exe as a threat and deletes the download.
Any reason why?
MultiPSK is a very cool program; keep up the good work.
Best regards,
Stefan
DJ5YS/KG2FD
15-June

On 14-Jun-17 23:48, 'Patrick Lindecker' f6cte@free.fr [multipsk] wrote:

New release of MULTIPSK (4.32)

Pour les francophones: la version en français de ce message se trouve sur mon site (http://f6cte.free.fr). Il suffit de cliquer sur le lien "Principales modifications (courriel avertissant de la sortie de la nouvelle version)".

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Multipsk associated to Clock are freeware programs but with functions submitted to a licence (by user key).

The main improvements of MULTIPSK 4.32 are the following:

1) New mode AERO (RX)

The Inmarsat "ClassicAero" channel P service consists of downlink messages from geostationary satellites (Inmarsat 3F1, 3F2, 3F3, 3F4, 4F1 and 4AF4) to planes. These messages are transmitted from ground stations (GES) to planes (AES) (but not AES to GES), according to the "Satcom ACARS" system protocol (with "SatCom" for "Satellite Communication" and "ACARS" for "Aircraft Communication Addressing and Reporting System"). ACARS is a data protocol defined by ARINC (Aeronautical Radio, Inc). ACARS is also used in VHF ("ACARS" mode on Multipsk).

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The Inmarsat AERO satellites transmit a great number of management frames relative to transmission and satellites link. They are decoded but encrypted. Reversely, several messages are text relative to weather reports (decoded by Multipsk), flight plans, etc.. These are the only messages really interesting.

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See general specifications further on.

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This application permits to make acquisition of I/Q signals coming from a SdR receiver (RTL/SDR keys only) and to display them under the form of a E = f(F) spectrum with "E" gain in the scale 0 to 1 (or expressed in dB) and "F" the frequency in KHz. The gain

corresponding to 1 corresponds to the largest sinusoid being able to be digitalized by the SdR receiver.
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This function is useful to have a general view of a wide band of frequencies (250 KHz). For example, to see the low AERO band (1545.0 to 1545.2 MHz), the receiver will be tuned (with the Multipsk "Transceiver" function) in the middle of this band, so 1545.1 MHz.

3) Other improvements

· Parameters management (in the "Parameters" box of the "Configuration" screen)
The program works with a lot of parameters which can be modified by the user. These parameters are mainly stored in the CONFPSER.SER file but not only. Some management tools are proposed to the user.
The main possibility is to record all the parameters for a given configuration ("FAX", "VDL2", for example) and to come back, later, to this configuration, with just several clicks. The configurations are stored in the "CONFIGURATIONS" sub-directory of the MULTIPSK folder, as for example: C:\MULTIPSK\CONFIGURATIONS\FAX

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Shape of pulse : specified by two templates (upper and lower bounds) for A-BPSK and A-QPSK, to limit spectral occupancy. They seem to correspond to Root Raised Cosine filters.

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Demodulation : FM (600 or 1200 bauds) or PSK (600, 1200 or 10500 bauds)

Bit synchronization : automatic using the signal

Data synchronization : an unique word of 32 bits in A-BPSK and 64 bits in A-QPSK.

Correction code: no, but a CCITT checksum permits to validate each message of 12 bytes

Convolution code: FEC R=1/2, k=7

Interleaving : yes

Scrambling: yes

Lowest S/N: about +1 dB at 600 bauds, +4 dB at 1200 bauds and +14 dB at 10500 bauds.

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(https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient)
L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
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10202. RE: [FUNcube] New release of MULTIPSK (4.32) - AERO

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-15 21:08:29 UTC
From: Patrick Lindecker
Topic: 10197 Message: 10202

Stefan,

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Sorry, this is outside the subject managed by the group…

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De : FUNcube@... [mailto:FUNcube@...]
Envoyé : jeudi 15 juin 2017 22:01
À : 'Patrick Lindecker' f6cte@... [FUNcube]
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Thanks and best regards
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Sent from my Huawei Mobile

-------- Original Message --------
Subject: RE: [FUNcube] New release of MULTIPSK (4.32) - AERO
From: "'Patrick Lindecker' f6cte@... [FUNcube]"
To: FUNcube@...
CC:

Hello Stefan,

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No I don’t know. Here Avast does not protest. Try with the mirror site (perhaps Norton prefers this server): Earl's, N8KBR: http://www.eqth.info/f6cte/MULTIPSK_setup.exe

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<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> Avast logo

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
www.avast.com <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

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10203. RE: [FUNcube] New release of MULTIPSK (4.32) - AERO

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-15 22:38:03 UTC
From: Chris GW6KZZ
Topic: 10197 Message: 10203

Stefan and Patrick,

The reason why Norton Internet Security is automatically blocking and deleting this file is because less than 5 Norton users have downloaded and ran this program or file, plus the program (version) is less than a week old, so automatically Norton checks to see if anyone else from its security group has downloaded or used the program, because they haven't and there is little knowledge about the program Norton instantly quarantines the program and automatically deletes it. I just tied from this mirror site and had the same reaction. So I saved the file to disc and left it there to run later when I have some free time to try it.

73s

de Chris GW6KZZ ex DA4CI

Member of AMSAT-UK, RSGB, TAPR, Microwave and Nanowave Groups

Mr Chris J Dixon

South Wales, UK

From: FUNcube@yahoogroups.co.uk [mailto:FUNcube@...]
Sent: 15 June 2017 22:08
To: FUNcube@...
Subject: RE: [FUNcube] New release of MULTIPSK (4.32) - AERO

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· For 10500 bauds transmissions, it is used the Aviation-QPSK modulation which is a technique which maps a "0" into a 0 degree angle and "1" into a 180 degrees angle or a "0" into a 90 degrees angle and "1" into a 270 degrees angle, alterning between the two options on successive bits. In this case, even if FM could be used, it is appropriate (an error and not PSK leadin to series of errors). So only PSK demodulation is used.

Shape of pulse : specified by two templates (upper and lower bounds) for A-BPSK and A-QPSK, to limit spectral occupancy. They seem to correspond to Root Raised Cosine filters.

Bandwidth : 800 Hz in 600 bauds, 1600 Hz in 1200 bauds and about 8000 Hz in 10500 bauds.

Demodulation : FM (600 or 1200 bauds) or PSK (600, 1200 or 10500 bauds)

Bit synchronization : automatic using the signal

Data synchronization : an unique word of 32 bits in A-BPSK and 64 bits in A-QPSK.

Correction code: no, but a CCITT checksum permits to validate each message of 12 bytes

Convolution code: FEC R=1/2, k=7

Interleaving : yes

Scrambling: yes

Lowest S/N: about +1 dB at 600 bauds, +4 dB at 1200 bauds and +14 dB at 10500 bauds.

73

Patrick

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> Avast logo

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
www.avast.com <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

10204. RE: [FUNcube] New release of MULTIPSK (4.32) - AERO

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-15 22:08:53 UTC
From: John Nelson N3JN
Topic: 10197 Message: 10204

Stefan,

Very often when a new product is released, Norton considers it suspicious and flags it as such. This is probably why it is removing the download, but Norton usually has a note that this is the case. If you don☐t feel comfortable ☐ don☐t download it. Perhaps in a few days Norton will allow it to be loaded.

I just downloaded and installed it while Norton Security is running. It looks like it is allowing it now, at least on my PC. Windows firewall didn☐t want to run it, but I allowed it.

John ☐ N3JN

From: FUNcube@... [mailto:FUNcube@...]
Sent: Thursday, June 15, 2017 12:20 PM
To: multipsk@yahoogroups.com; multipsk_team@yahoogroups.com; digitalradio@yahoogroups.com; UDXF@...; FUNcube@...
Subject: [FUNcube] New release of MULTIPSK (4.32) - AERO

Hi Patrick,

my NORTON NIS considers the .exe as a threat and deletes the download.

Any reason why?

MultiPSK is a very cool program; keep up the good work.

Best regards,
Stefan
DJ5YS/KG2FD
15-June

On 14-Jun-17 23:48, 'Patrick Lindecker' f6cte@free.fr [multipsk] wrote:

New release of MULTIPSK (4.32)

Pour les francophones: la version en français de ce message se trouve sur mon site (http://f6cte.free.fr). Il suffit de cliquer sur le lien "Principales modifications (courriel avertissant de la sortie de la nouvelle version)".

Hello to all Ham and SWL,

The new release of MultiPSK (4.32) is on my Web site (http://f6cte.free.fr).

The MD5 signature of the downloaded MULTIPSK_setup.exe file to, possibly, check (with WinMD5 for example), that the downloading works without error,

is equal to: b03f485a095699b92c2791f735ed046a

Multipsk associated to Clock are freeware programs but with functions submitted to a licence (by user key).

The main improvements of MULTIPSK 4.32 are the following:

1) New mode AERO (RX)

The Inmarsat "ClassicAero" channel P service consists of downlink messages from geostationary satellites (Inmarsat 3F1, 3F2, 3F3, 3F4, 4F1 and 4AF4) to planes. These messages are transmitted from ground stations (GES) to planes (AES) (but not AES to GES), according to the "Satcom ACARS" system protocol (with "SatCom" for "Satellite Communication" and "ACARS" for "Aircraft Communication Addressing and Reporting System"). ACARS is a data protocol defined by ARINC (Aeronautical Radio, Inc). ACARS is also used in VHF ("ACARS" mode on Multipsk).

The Satcom ACARS system is used in preference to standard VHF ACARS when planes are beyond VHF range or if VHF channels are congested, particularly in Europe. The frequencies used are 1545.0 to 1545.2 MHz for 600 and 1200 bauds transmissions and 1546.0 to 1546.11 MHz for 10500 bauds transmissions.

The Inmarsat AERO satellites transmit a great number of management frames relative to transmission and satellites link. They are decoded but encrypted. Reversely, several messages are text relative to weather reports (decoded by Multipsk), flight plans, etc.. These are the only messages really interesting.

For Hams and SWL, a signal can be received:

· either from the discriminator output of a classical
UHF FM receiver via a direct connection to the PC sound card (only for 600 and 1200 bauds modes),

· or, possibly, from the UHF FM receiver speaker through
a simple direct connection to the PC sound card (only for 600 and 1200 bauds modes),

· or with a SdR receiver (FunCube Dongle, RTL SDR,...)
and directly demodulated (in FM for the 600 and 1200 bauds modes and PSK for the 10500 bauds mode) by Multipsk.

Here it will be found a guide to receive and decode AERO transmissions with Multipsk: http://f6cte.free.fr/AERO_easy_with_Multipsk.pdf

This mode is available for licencied copies, only (otherwise, the decoding is stopped after 5 minutes).

See general specifications further on.

2) SDR spectrum analyzer on 250 KHz ("Spectrum SdR" button in the upper left part of the RX/TX window)

This application permits to make acquisition of I/Q signals coming from a SdR receiver (RTL/SDR keys only) and to display them under the form of a E = f(F) spectrum with "E" gain in the scale 0 to 1 (or expressed in dB) and "F" the frequency in KHz. The gain corresponding to 1 corresponds to the largest sinusoid being able to be digitalized by the SdR receiver.
A "waterfall" permits, besides, to display the spectrum versus the time, but without large precision.
The SdR receiver frequency (RTL/SDR key) can be directly tuned with a mouse click, either on the spectrum or on the waterfall.

This function is useful to have a general view of a wide band of frequencies (250 KHz). For example, to see the low AERO band (1545.0 to 1545.2 MHz), the receiver will be tuned (with the Multipsk "Transceiver" function) in the middle of this band, so 1545.1 MHz.

3) Other improvements

· Parameters management (in the "Parameters" box of the "Configuration" screen)

The program works with a lot of parameters which can be modified by the user. These parameters are mainly stored in the CONFPSER.SER file but not only. Some management tools are proposed to the user.

The main possibility is to record all the parameters for a given configuration ("FAX", "VDL2", for example) and to come back, later, to this configuration, with just several clicks. The configurations are stored in the "CONFIGURATIONS" sub-directory of the MULTIPSK folder, as for example: C:\MULTIPSK\CONFIGURATIONS\FAX

· Weather (METAR/SPECI/TAF) uplink ACARS messages decoded (on basic specifications only) in the AERO/HFDL/ACARS/VDL2 modes

· New sampling frequency of 1 MHz for all modes except ADSB, when a RTL-SDR key is used, the previous 250 KHz sampling frequency introducing noise in all bands

Note about TLE files: if you use the "Satellites" option, don't forget to download

(with the "Downloading" button) the 5 recent TLE files (amateur.txt, argos.txt, orbcomm.txt, stations.txt, weather.txt).

Note about translation of Multipsk.exe and Clock .exe: the 4.31.4 version of Multipsk has been completly translated to Spanish by Joachin (EA4ZB), from French. The translation file is on my Web site (http://f6cte.free.fr/Translation_files.htm).

Description of the Aero mode channel P (UHF, L band)

Baud rate: 600, 1200 or 10500 symbols/second.

Modulation :

· For 600 and 1200 bauds transmissions, it is used the Aviation-BPSK modulation, called also SDPSK (Symmetrical Differential Phase Shift Keying), i.e. a "0" is transmitted with a -90° shift of the carrier phase whereas the "1" is transmitted with a 90° shift. The transmission could be demodulated in PSK, but it is more simple (even if the minimum Signal to Noise ratio is not so good) to demodulate in FM. This because in PSK, the carrier phase must be followed and locked whereas in FM it is not necessary (the baseband signal is directly supplied). Moreover, for the user, the tuning needs less accuracy.

· For 10500 bauds transmissions, it is used the Aviation-QPSK modulation which is a technique which maps a "0" into a 0 degree angle and "1" into a 180 degrees angle or a "0" into a 90 degrees angle and "1" into a 270 degrees angle, alterning between the two options on successive bits. In this case, even if FM could be used, it is appropriate (an error and not PSK leadin to series of errors). So only PSK demodulation is used.

Shape of pulse : specified by two templates (upper and lower bounds) for A-BPSK and A-QPSK, to limit spectral occupancy. They seem to correspond to Root Raised Cosine filters.

Bandwidth : 800 Hz in 600 bauds, 1600 Hz in 1200 bauds and about 8000 Hz in 10500 bauds.

Demodulation : FM (600 or 1200 bauds) or PSK (600, 1200 or 10500 bauds)

Bit synchronization : automatic using the signal

Data synchronization : an unique word of 32 bits in A-BPSK and 64 bits in A-QPSK.

Correction code: no, but a CCITT checksum permits to validate each message of 12 bytes

Convolution code: FEC R=1/2, k=7

Interleaving : yes

Scrambling: yes

Lowest S/N: about +1 dB at 600 bauds, +4 dB at 1200 bauds and +14 dB at 10500 bauds.

73

Patrick

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> Avast logo

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.

www.avast.com
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

10205. Re: [FUNcube] New release of MULTIPSK (4.32) - AERO

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-16 12:36:19 UTC
From: Alberto I2PHD
Topic: 10197 Message: 10205

On 6/16/2017 12:08 AM, 'John Nelson N3JN' n3jn@... [FUNcube] wrote:
> Very often when a new product is released, Norton considers it suspicious and flags it as such. This is probably why
> it is removing the download, but Norton usually has a note that this is the case. If you don’t feel comfortable –
> don’t download it. Perhaps in a few days Norton will allow it to be loaded.

Better yet, trash Norton in the bin... Norton is one of the worst anti virus systems, resource hog, full of false
positives. etc.
Recent analysis did show that the two best such programs are Bitdefender and Kaspersky. I use the free version of
Bitdefender
since a couple of years, and never had a problem.

--
/*73 Alberto I2PHD*
Credo Ut Intelligam/

10206. Fw: AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-16 21:32:46 UTC
From: Graham Shirville
Topic: 10206 Message: 10206

Hi folks,

AO73/FUNcube is now in amateur mode for the weekend with the transponder on!

Please see below for all FUNcube mission info

73s Graham G3VZV and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, eg Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

The nominal transponder frequencies are:

Uplink: 435.150 - 435.130 MHz LSB (Inverting)
Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 - 435.060 MHz LSB (Inverting)
Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79 FUNcube-3
Due to power budget constraints the transponder cannot be operational 24/7 and an orbit specific schedule has been developed. The transponder will commence operation 27 minutes after the spacecraft enters sunlight and will stay on for a period of 25 minutes. This schedule may be modified in future months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very grateful for the assistance given by Innovative Solution In Space Bv, The Netherlands.

_____
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10207. Re: Protection diodes burned?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-17 09:36:48 UTC
From: Wouter weggelaar
Topic: 10196 Message: 10207

Hi Thijs,

Sounds like you may have a cracked input capacitor.
It is possible to replace if you have a nice fine tipped soldering iron, but if you are unfamiliar with SMD work, its probably better to find someone with the correct gear to do it.

Just to be sure: you are using normal SMA cables and not RP-SMA used in WiFi gear?
There should be a centre pin in the cable side connector.

Judging from your message you had it working before and it just stopped working after connecting the noise source|?

The noise source seems to have an output capacitor, so I don't think a faulty adaptor would put any voltage on there. A ground fault could leave current flowing through USB ground, but that would not cause these symptoms unless the current has been very high.

Most likely just bad luck with some mechanical stress on the SMA.

73

Wouter PA3WEG

10208. FUNcube Status + Satellite Antenna Virtual Build-a-thon

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-17 13:19:32 UTC
From: M5AKA
Topic: 10208 Message: 10208

FUNcube Satellite Status June 2017
https://amsat-uk.org/2017/06/17/funcube-satellite-status-june-2017/

Amateur radio to the rescue of satellite
https://amsat-uk.org/2017/06/17/amateur-radio-to-the-rescue-of-satellite/

Join Virtual Buildathon and build a satellite antenna
https://amsat-uk.org/2017/06/16/join-virtual-buildathon-and-build-satellite-antenna/

Syllabus consultation for UK amateur radio exams covers Amateur Satellite service
https://amsat-uk.org/2017/06/16/syllabus-consultation/

CAS-4A and CAS-4B Linear Transponder Satellites from CAMSAT
https://amsat-uk.org/2017/06/15/cas-4a-and-cas-4b-launched/

Book now for AMSAT-UK International Space Colloquium Milton Keynes October 14-15
https://amsat-uk.org/colloquium/

Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

10209. Re:: Re: Protection diodes burned?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-20 13:40:29 UTC
From: thitters321@...
Topic: 10196 Message: 10209

Hi Wouter

It is really in the funcube. I have tried several cables and a dualband porto antenna.

The input capacitor looks a bit unsolderd or broken. But first I have to by a stronger magnifier.

Thanks
Thijs
pa4th

10210. AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-23 16:58:06 UTC
From: Jim Heck G3WGM
Topic: 10206 Message: 10210

Hi folks,

AO73/FUNcube is now in amateur mode for the weekend with the transponder on!

Please see below for all FUNcube mission info

73s Jim G3WGM and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, eg Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

The nominal transponder frequencies are:

Uplink: 435.150 - 435.130 MHz LSB (Inverting)
Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 - 435.060 MHz LSB (Inverting)
Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79 FUNcube-3
Due to power budget constraints the transponder cannot be operational 24/7 and an orbit specific schedule has been developed. The transponder will commence operation 27 minutes after the spacecraft enters sunlight and will stay on for a period of 25 minutes. This schedule may be modified in future months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

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10211. KiwiSAT Project + New QB50 CubeSats

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-24 14:03:00 UTC
From: M5AKA
Topic: 10211 Message: 10211

Join New Zealand’s Most Exciting Amateur Radio Project – KiwiSAT
https://amsat-uk.org/2017/06/24/kiwisat-amsat-zl/
QB50 CubeSats were launched on an ISRO PSLV-C38 at 04:59 GMT on June 23
List with beacon format and frequency information at
https://upload.qb50.eu/listCubeSat/

ARISS SSTV Commemorative Activity
https://amsat-uk.org/2017/06/21/ariss-sstv-commemorative-activity/

FUNcube Satellite Status June 2017
https://amsat-uk.org/2017/06/17/funcube-satellite-status-june-2017/

Book now for AMSAT-UK International Space Colloquium Milton Keynes October 14-15
https://amsat-uk.org/colloquium/

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YouTube https://youtube.com/AmsatUK

10212. IARU Aligns Satellite Coordination Guidelines with ITU WRC-15 Decisions

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-30 14:27:16 UTC
From: M5AKA
Topic: 10212 Message: 10212

IARU Aligns Satellite Coordination Guidelines with ITU WRC-15 Decisions
https://amsat-uk.org/2017/06/30/iaru-satellite-coordination-wrc-15/

Solar-powered UBSEDS25 around-the-world balloon with Slow Scan Digital Video launches July 1
https://amsat-uk.org/2017/06/28/ubseds25-balloon-ssdv/

Satellites feature in syllabus consultation for UK amateur radio exams
https://amsat-uk.org/2017/06/16/syllabus-consultation/

Book now for AMSAT-UK International Space Colloquium Milton Keynes October 14-15
https://amsat-uk.org/colloquium/

Trevor M5AKA

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YouTube https://youtube.com/AmsatUK

10213. AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-06-30 20:37:58 UTC
From: Jim Heck G3WGM
Topic: 10206 Message: 10213

Hi folks,

AO73/FUNcube is now in amateur mode for the weekend with the transponder on!
Plan as usual is to revert to auto switching mode on Sunday PM.

Please see below for all FUNcube mission info

73s Jim G3WGM and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in
eclipse, ie the solar panels are NOT being illuminated. During weekends
(from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power,
when the transponder is on the beacon it is on low power. During holidays,
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The nominal transponder frequencies are:

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Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower
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continuously, in amateur mode. The transponder is operational and the
telemetry downlink is functioning with about 70mW output. The FUNcube-1
Dashboard does not correctly display the telemetry but it does correctly
decode the data and uploads it to the FUNcube Data Warehouse from where it
can be examined. Most of the real time data channels are operational and
these include battery voltages, temperatures and ADCS data coming via the
main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the
other transmitter sends its CW beacon and, occasionally, for a few seconds
when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 - 435.060 MHz LSB (Inverting)
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EO79 FUNcube-3
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EO88/Nayif-1/FUNcube-5

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When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very grateful for the assistance given by Innovative Solution In Space Bv, The Netherlands.

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10214. BIRDS-1 Constellation deployed from ISS

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-07-07 20:38:49 UTC
From: M5AKA
Topic: 10214 Message: 10214

BIRDS-1 constellation of five CubeSats deployed from ISS
https://amsat-uk.org/2017/07/07/birds-1-cubesats-deployed/

ARISS SSTV Commemorative Activity
https://amsat-uk.org/2017/06/21/ariss-sstv-commemorative-activity/

Sisters planning solar eclipse APRS balloon
http://www.southgatearc.org/news/2017/june/sisters-planning-solar-eclipse-balloon.htm

Book now for AMSAT-UK International Space Colloquium Milton Keynes October 14-15
https://amsat-uk.org/colloquium/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10215. AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-07-07 21:18:42 UTC
From: Jim Heck G3WGM
Topic: 10206 Message: 10215

Hi folks,

AO73/FUNcube is now in amateur mode for the weekend with the transponder on!
Plan as usual is to revert to auto switching mode on Sunday PM.

Please see below for all FUNcube mission info

73s Jim G3WGM and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in
eclipse, ie the solar panels are NOT being illuminated. During weekends
(from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power,
when the transponder is on the beacon it is on low power. During holidays,
eg Christmas, New Year, Easter, etc, the transponder maybe activated for
extended periods. Watch AMSAT-BB for announcements which are usually made on
Friday evenings (UTC)

The nominal transponder frequencies are:

Uplink: 435.150 - 435.130 MHz LSB (Inverting)
Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower
temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost
continuously, in amateur mode. The transponder is operational and the
telemetry downlink is functioning with about 70mW output. The FUNcube-1
Dashboard does not correctly display the telemetry but it does correctly
decode the data and uploads it to the FUNcube Data Warehouse from where it
can be examined. Most of the real time data channels are operational and
these include battery voltages, temperatures and ADCS data coming via the
main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the
other transmitter sends its CW beacon and, occasionally, for a few seconds
when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 - 435.060 MHz LSB (Inverting)
Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79 FUNcube-3
Due to power budget constraints the transponder cannot be operational 24/7 and an orbit specific schedule has been developed. The transponder will commence operation 27 minutes after the spacecraft enters sunlight and will stay on for a period of 25 minutes. This schedule may be modified in future months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very grateful for the assistance given by Innovative Solution In Space Bv, The Netherlands.

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10216. Nayif-1 magnetometers

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-07-17 13:58:09 UTC
From: BUTLINCA@...
Topic: 10216 Message: 10216

I noted on the Nayif-1 Dashboard magnetometers for X,Y and Z orientations. Are these just to show when magnetorquers are operating or can they also just show the magnetic field strengths at those orientations around the satellite in orbit without the magnetorquers switched on?

Many thanks.

Chris Butlin
York UK

10217. FUNcube-1 weekend operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-07-21 17:39:50 UTC
From: Graham Shirville
Topic: 10025 Message: 10217

Hi All,

FUNcube-1 AO73 is now in full time transponder mode for the weekend.

Have FUN with the bird

73

Graham

G3VZV

10218. AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-07-28 19:45:00 UTC
From: Jim Heck G3WGM
Topic: 10206 Message: 10218

Hi folks,

AO73/FUNcube is now in amateur mode for the weekend with the transponder on!

Please note that the transponder will remain on longer than usual (probably until Monday evening UTC) in support of Barry ARS and their contribution to the event at the Royal Mint in Wales. Moe info at http://www.bars.btck.co.uk/News

Please see below for all FUNcube mission info

73s Jim G3WGM and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
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AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, eg Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

The nominal transponder frequencies are:

Uplink: 435.150 - 435.130 MHz LSB (Inverting)
Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 - 435.060 MHz LSB (Inverting)
Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79 FUNcube-3
Due to power budget constraints the transponder cannot be operational 24/7 and an orbit specific schedule has been developed. The transponder will commence operation 27 minutes after the spacecraft enters sunlight and will stay on for a period of 25 minutes. This schedule may be modified in future months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very grateful for the assistance given by Innovative Solution In Space Bv, The Netherlands.

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10219. YOTA ARISS Contact + Deployable Sat VHF Yagi VA3NGJ Interview

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-08-04 15:09:51 UTC
From: M5AKA
Topic: 10219 Message: 10219

ARISS contact planned for YOTA 2017 UK
https://amsat-uk.org/2017/08/03/ariss-contact-yota-2017/

New Satellite Report by Peter 2M0SQL
https://amsat-uk.org/2017/08/01/2m0sql-satellite-report/

Press reports ISS success of Chertsey Radio Club
https://amsat-uk.org/2017/07/28/press-iss-chertsey-radio-club/

KD2BHC 437 MHz Sprite satellites deployed
https://amsat-uk.org/2017/07/26/sprite-satellites-deployed/

Jeff Nicholls VA3NGJ is interviewed about the Deployable VHF Antenna which is 3 times the size of the NORsat-2 satellite launched on July 14
http://news.engineering.utoronto.ca/u-t-engineering-designed-cubesats-novel-deployable-antenna-launched-orbit/

Wirral Globe newspaper reports planned ISS contact with #YOTA2017 (145.800 MHz FM) and says Milo 2E0ILO @milonoblet has been chosen to represent UK at the event
http://www.wirralglobe.co.uk/news/15454630.Wirral_teenager_to_represent_UK_in_amateur_radio_event__Youngsters_on_the_Air_/

Glasgow Pocketqube satellite company on front page of The National newspaper. D/L 437.160 MHz
https://twitter.com/AlbaOrbital/status/892862152855474176
https://www.pocketqubeshop.com/unicorn-1/

New @ARRL Amateur Radio PR Posters include - Out Of This World (Space Comms/Satellites) http://www.arrl.org/pr-posters

Trevor M5AKA

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Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10220. Re: [amsat-bb] AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-08-04 20:21:13 UTC
From: Jim Heck G3WGM
Topic: 10206 Message: 10220

HI folks,

AO73/FUNcube is now in amateur mode for the weekend with the transponder on!

As normal, plan is to revert to normal mode on Sun PM (UTC).

Please see below for all FUNcube mission info

73s Jim G3WGM and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, eg Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

The nominal transponder frequencies are:

Uplink: 435.150 - 435.130 MHz LSB (Inverting)
Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds

when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 - 435.060 MHz LSB (Inverting)
Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low
temperatures give higher freqs!)

EO79 FUNcube-3
Due to power budget constraints the transponder cannot be operational 24/7
and an orbit specific schedule has been developed. The transponder will
commence operation 27 minutes after the spacecraft enters sunlight and will
stay on for a period of 25 minutes. This schedule may be modified in future
months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is
operational when the satellite is in eclipse, ie the solar panels are NOT
being illuminated.
When the transponder is switched off, the telemetry beacon is on full power,
when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

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10221. Re: [amsat-bb] AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-08-05 15:27:45 UTC
From: Jim Heck G3WGM
Topic: 10206 Message: 10221

Hi Folks,

Slight change of plan. We now propose the keep the transponder on full time all week next week. This is to support operations from YOTA and also because the schools (at least those in UK) are on holiday.

73s Jim G3WGM
for FUNcube Ops Team.

-----Original Message-----
From: Jim Heck G3WGM
Sent: Friday, August 04, 2017 9:21 PM
To: AMSAT ; funcube@...
Subject: Re: [amsat-bb] AO73 Mode change

HI folks,

AO73/FUNcube is now in amateur mode for the weekend with the transponder on!

As normal, plan is to revert to normal mode on Sun PM (UTC).

Please see below for all FUNcube mission info

73s Jim G3WGM and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

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Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

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Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79 FUNcube-3
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Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
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EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
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The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

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10222. ISS contact 1837 GMT today - Receive and Watch Worldwide

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-08-08 12:24:02 UTC
From: M5AKA
Topic: 10222 Message: 10222

Space Station contact planned for YOTA 2017 UK at 1837 GMT Tuesday, August 8
https://amsat-uk.org/2017/08/03/ariss-contact-yota-2017/

Listen to the Space Station on 145.800 MHz FM
You can use the SUWS Online Radio to listen from anywhere in the world
http://websdr.suws.org.uk/

Watch live at https://ariss.batc.tv/

Don't forget to book for the International Space Colloquium, Milton Keynes, October 14-15Program schedule now available, see
Colloquium 2017 Saturday Gala Dinner
https://amsat-uk.org/2017/08/05/colloquium-2017-saturday-gala-dinner/

Trevor M5AKA

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10223. YOTA 2017 ISS contact now at 2015 GMT

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-08-08 19:56:59 UTC
From: M5AKA
Topic: 10223 Message: 10223

ISS contact with #YOTA2017 at Gilwell Park, UK will now take place at 2015 GMT (9:15pm BST) on 145.800 MHz FM. Paolo Nespoli IZ0JPA will use the Kenwood TM-D710 transceiver located in the Russian Service Module.

There will be no HamTV as that is located in the Columbus Module amateur station.

You can use the SUWS Online Radio to listen to the ISS downlink on 145.800 MHz FM from anywhere in the world http://websdr.suws.org.uk/

#YOTA2017 video from the HamTV on the ISS
UHF Satcom @uhf_satcom Tweeted:
A quick bit of video from the @BATCOnline Minitiouner board captured directly from the ISS @ 2395MHz; using usual 88cm dish with helix feed
http://pic.twitter.com/SS9NXqTvyi

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10224. Hdsdr ts2000 control of bias t on tx

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-08-11 01:12:03 UTC
From: garykirk757@...
Topic: 10224 Message: 10224

Hi
Have preamp with t/r relays. Looks like hdsdr
can only turn +5v on/off by clicking a button?
I need ts2000 cat control thu omnirig/ hdsdr.
Thx
Gary Lust ae7ov

10225. Re: [FUNcube] Hdsdr ts2000 control of bias t on tx

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-08-11 09:52:55 UTC
From: Alan
Topic: 10224 Message: 10225

>Looks like hdsdr
> can only turn +5v on/off by clicking a button?
> I need ts2000 cat control thu omnirig/ hdsdr.
Gary,

HDSDR with it's DLL has frequency changeover point options to do it automatically. Although you'd probably need a transistor to switch the relays?

But if you need TX/RX switching then that needs to be coupled to the PTT line.

73 Alan G4ZFQ

10226. AO73/FUNCube Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-08-25 18:59:14 UTC
From: Jim Heck G3WGM
Topic: 10206 Message: 10226

HI folks,

AO73/FUNcube is now in amateur mode for the weekend with the transponder on!

As normal, plan is to revert to normal mode on Sun PM (UTC).

Please see below for all FUNcube mission info

73s Jim G3WGM and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, eg Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

The nominal transponder frequencies are:

Uplink: 435.150 - 435.130 MHz LSB (Inverting)
Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds

when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 - 435.060 MHz LSB (Inverting)
Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low
temperatures give higher freqs!)

EO79 FUNcube-3
Due to power budget constraints the transponder cannot be operational 24/7
and an orbit specific schedule has been developed. The transponder will
commence operation 27 minutes after the spacecraft enters sunlight and will
stay on for a period of 25 minutes. This schedule may be modified in future
months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is
operational when the satellite is in eclipse, ie the solar panels are NOT
being illuminated.
When the transponder is switched off, the telemetry beacon is on full power,
when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very
grateful for the assistance given by Innovative Solution In Space Bv, The
Netherlands.

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10227. AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-09-01 21:03:06 UTC
From: Jim Heck G3WGM
Topic: 10206 Message: 10227

HI folks,

AO73/FUNcube is now in amateur mode for the weekend with the transponder on!

As normal, plan is to revert to normal mode on Sun PM (UTC).

Please see below for all FUNcube mission info

73s Jim G3WGM and the FUNcube team.

++++++++++++++++++++++++++++++++
FUNcube frequencies and other details
++++++++++++++++++++++++++++++++

AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, eg Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

The nominal transponder frequencies are:

Uplink: 435.150 - 435.130 MHz LSB (Inverting)
Downlink: 145.950 - 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds

when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 - 435.060 MHz LSB (Inverting)
Downlink: 145.930 - 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low
temperatures give higher freqs!)

EO79 FUNcube-3
Due to power budget constraints the transponder cannot be operational 24/7
and an orbit specific schedule has been developed. The transponder will
commence operation 27 minutes after the spacecraft enters sunlight and will
stay on for a period of 25 minutes. This schedule may be modified in future
months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is
operational when the satellite is in eclipse, ie the solar panels are NOT
being illuminated.
When the transponder is switched off, the telemetry beacon is on full power,
when the transponder is on the beacon it is on low power.
The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very
grateful for the assistance given by Innovative Solution In Space Bv, The
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10228. Re:: Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-09-14 20:50:33 UTC
From: tttowns56@...
Topic: 10168 Message: 10228

Guys..I appreciate your recommendation to "send them to Howard", but I can find no address for him, or even a statement of who he is! Can you give me more information so I could reliably send it in? Also, I am fully equipped to repair the unit myself, but need a bomb and schematic, plus possibly a firmware load for the pic. Any ideas?
Todd WA7YBU

10229. Re:: Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-09-14 21:35:04 UTC
From: Lasse Moell
Topic: 10168 Message: 10229

Todd,
If you look at the Funcube web page it's all there!
The man you are after is Howard Long G6LVB and his company Hanlincrest Ltd

/Lasse SM5GLC

14 september 2017 22:50:33 +02:00, skrev tttowns56@... [FUNcube] <FUNcube@...>:

>
>
> Guys..I appreciate your recommendation to "send them to Howard", but I can find no address for him, or even a statement of who he is! Can you give me more information so I could reliably send it in?
> Also, I am fully equipped to repair the unit myself, but need a bomb and schematic, plus possibly a firmware load for the pic. Any ideas?
> Todd WA7YBU
>
>
>

10230. Re:: Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-09-14 21:38:24 UTC
From: Alan.Melia@...
Topic: 10168 Message: 10230

Todd there may be others that have more up-to-date info than I.....but you should not post a unit to Howard unless you have first made email contact. The addresss that are floating around are many years old and may not be correct now. Also if that is a version 1 it is an 8 years old design and there is no certainty that the chips that may be needed for repair are still available.(the manufacturer went into liquidation) This was why the version 2 was produced with a different chip set. We have had no contact with Howard on either of the Groups and I have been unsucessful in trying to verify an accptable proceedure. As we said earlier in reply to your posts (I think) the majority of the "failures" have not turned out to be hardware related. The only one I particularly know if is the effect caused by flexing the SMA with cracks the coupling capacitor. It is unlikely that any schematics or parts lists will be available because the use of the chip-set is ringed with non-disclosure contracts with Howard's company.
Sorry to be negative but at this stage it is better to try to be realistic.

Alan
G3NYK

10231. Re: : Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-09-14 22:26:29 UTC
From: Robin Gape (lists)
Topic: 10168 Message: 10231

Adding to what Alan said, there has *never* been a publicly available
BOM nor circuit diagram available, either for the original FCD nor for
the replacement/improved FCDPP. Even the FCDPP is now a 5 years' old design.

For the Original FCD, there is a block diagram at
http://www.funcubedongle.com/?p=471

For the newer FCDPP (serial number 10,000 up), there is a slightly
fuller block diagram at
http://www.funcubedongle.com/MyImages/FCD2BlockDiagram.pdf

My understanding is that the firmware loader is programmed in at
manufacture, and the firmware updates do not overwrite the boot loader
but that is an informed guess.

There is a wiki at: http://funcubedongle.pbworks.com/

Not knowing what any failure might be, it's hard to offer any further
directed advice, except to re-iterate Alan's advice *not* to send any
FCD/FCDPP anywhere until contact with Howard has been established.

HTH, 73,

Robin, G8DQX

On 14/09/17 21:50, tttowns56@... [FUNcube] wrote:
> I am fully equipped to repair the unit myself, but need a bomb and
> schematic, plus possibly a firmware load for the pic.

10232. Re: : Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-09-15 05:42:57 UTC
From: Alan
Topic: 10168 Message: 10232

Todd,

All I know is here
http://funcubedongle.pbworks.com/w/page/110126728/Faulty%20Funcube%20Dongle
most points mentioned in this group.

No-one has said they have not had their dongle repaired but it seems a
long time since anyone has said they have..

73 Alan G4ZFQ

> --
> All up-to-date FCD information at http://funcubedongle.pbworks.com
>

.

10233. Re: Re:: Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-09-15 06:14:30 UTC
From: David J Taylor
Topic: 10168 Message: 10233

Guys..I appreciate your recommendation to "send them to Howard", but I can find no address for him, or even a statement of who he is! Can you give me more information so I could reliably send it in?
Also, I am fully equipped to repair the unit myself, but need a bomb and schematic, plus possibly a firmware load for the pic. Any ideas?
Todd WA7YBU
==========

Todd,

What does your original supplier say?

In any case, wouldn't you be better off with a more modern device such as the Airspy for VHF/UHF and the forthcoming Airspy HF+ for HF?

http://airspy.com/products/

http://airspy.com/airspy-hf-plus/

73,
David GM8ARV
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...
Twitter: @gm8arv

10234. Re: : Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-09-15 06:29:38 UTC
From: Rob styles
Topic: 10168 Message: 10234

Email Howard, he will get back to you with return address. #simples
73
Rob

On 14 Sep 2017 11:26 pm, "'Robin Gape (lists)' list@gape.me.uk [FUNcube]" <FUNcube@yahoogroups.co.uk> wrote:

Adding to what Alan said, there has never been a publicly available BOM nor circuit diagram available, either for the original FCD nor for the replacement/improved FCDPP. Even the FCDPP is now a 5 years' old design.

For the Original FCD, there is a block diagram at http://www.funcubedongle.com/?p=471

For the newer FCDPP (serial number 10,000 up), there is a slightly fuller block diagram at http://www.funcubedongle.com/MyImages/FCD2BlockDiagram.pdf

My understanding is that the firmware loader is programmed in at manufacture, and the firmware updates do not overwrite the boot loader but that is an informed guess.

There is a wiki at: http://funcubedongle.pbworks.com/

Not knowing what any failure might be, it's hard to offer any further directed advice, except to re-iterate Alan's advice not to send any FCD/FCDPP anywhere until contact with Howard has been established.

HTH, 73,

Robin, G8DQX

On 14/09/17 21:50, tttowns56@hotmail.com<mailto:tttowns56@hotmail.com> [FUNcube] wrote:
I am fully equipped to repair the unit myself, but need a bomb and schematic, plus possibly a firmware load for the pic.

10235. Re: : Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-09-15 13:29:09 UTC
From: Siegfried Jackstien
Topic: 10168 Message: 10235

here is where i sent mine in

> Howard Long
> 10 Delahay House
> 15 Chelsea Embankment
> London SW3 4LA
> United Kingdom

but that is a few years ago

contact him via mail ,,, he answered to send it to the above address ...
and i got a replacement in 3 days ... BUT ONLY AFTER YOU HAD CONTACT
WITH HIM!!!

dg9bfc

sigi

Am 14.09.2017 um 20:50 schrieb tttowns56@... [FUNcube]:
>
> Guys..I appreciate your recommendation to "send them to Howard", but I
> can find no address for him, or even a statement of who he is! Can
> you give me more information so I could reliably send it in?
>
> Also, I am fully equipped to repair the unit myself, but need a bomb
> and schematic, plus possibly a firmware load for the pic. Any ideas?
> Todd WA7YBU
>

10236. Re:: Re: : Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-09-15 16:55:25 UTC
From: tttowns56@...
Topic: 10168 Message: 10236

Thanks for the idea, Rob. Where would I get his address? Todd

10237. Re:: Re: : Re: [FUNcube] Where to send FUNcube dongle for repair?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-09-15 17:53:18 UTC
From: Rob styles
Topic: 10168 Message: 10237

howard@howardlong.com
73

QRZ G6LVB

On 15 Sep 2017 5:55 pm, "tttowns56@hotmail.com [FUNcube]" <FUNcube@yahoogroups.co.uk> wrote:

Thanks for the idea, Rob. Where would I get his address?

Todd

10238. AMSAT-UK International Space Colloquium Milton Keynes + FalconSAT-3

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-09-24 13:19:15 UTC
From: M5AKA
Topic: 10238 Message: 10238

A reminder that the AMSAT-UK International Space Colloquium takes place in Milton Keynes on the weekend of October 14-15 as part of the RSGB Convention. Link to programme and booking details at https://amsat-uk.org/colloquium/

The AMSAT-UK Gala Dinner takes place on the Saturday evening, October 14 booking details at https://amsat-uk.org/2017/08/05/colloquium-2017-saturday-gala-dinner/

FalconSAT-3 satellite Packet Digipeater now open for Amateur Radio use
https://amsat-uk.org/2017/09/24/falconsat-3/

IARU Region 1 Medal awarded to Graham Shirville G3VZV
https://amsat-uk.org/2017/09/22/iaru-region-1-medal-graham-shirville-g3vzv/

Sept. 2017 issue of weather satellite magazine GEO Quarterly available for free download
http://www.geo-web.org.uk/geoquarterly.php

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10239. AO73/FUNcube-1 Operations schedule

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-10-08 19:48:03 UTC
From: Graham Shirville
Topic: 10239 Message: 10239

Hi All,
Just to confirm that AO73 is now operating in autonomous mode.

Due to “operational reasons” the transfer to continuous amateur mode next weekend will take place on Friday 13th morning (UTC) and run through to Monday 16th morning (UTC). Have fun!

73
Graham
G3VZV

10240. IARU satellite page

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-10-11 03:37:47 UTC
From: Edson W. R. Pereira
Topic: 10240 Message: 10240

Hi Graham,

I just noticed that the link for the guide for filling up form V38 is the same for the form itself.

73, Edson PY2SDR

10241. Live streaming of AMSAT-UK International Space Colloquium in Milton Keynes

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-10-11 13:27:05 UTC
From: M5AKA
Topic: 10241 Message: 10241

Saturday October 14 Milton Keynes - Geostationary Amateur Radio Transponder Talk and Demonstration - bring your 2.4 and 10 GHz equipment
https://amsat-uk.org/2017/10/11/geostationary-amateur-radio-transponder-talk/

Live streaming of talks from the AMSAT-UK International Space Colloquium Milton Keynes Oct 14-15
https://amsat-uk.org/2017/10/11/live-streaming-space-colloquium-mk/

New ham radio equipment for ISS
https://amsat-uk.org/2017/10/03/new-ham-radio-equipment-for-iss/

Trevor M5AKA

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Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

| | Virus-free. www.avg.com |

10242. FUNcube-1 AO73 Operational Mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-10-12 18:13:44 UTC
From: Graham Shirville
Topic: 10242 Message: 10242

Hi All,

As we are busy preparing for the AMSAT-UK Colloquium this weekend, FUNcube-1 is now in full time amateur mode. The Transponder is on and the telemetry is operating at low power. This mode should continue until Monday morning UTC time.

Nayif-1 EO88 remains in autonomous mode and FUNcube-2 on UKube is in amateur mode as usual.

best 73

Graham
G3VZV

10243. Colloquium Webstream starting 9:30 BST 0830 GMT

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-10-14 08:06:45 UTC
From: M5AKA
Topic: 10243 Message: 10243

Live streaming from the AMSAT-UK International Space Colloquium starts at 9:30 BST 0830 GMT today.
Details at https://amsat-uk.org/2017/10/11/live-streaming-space-colloquium-mk/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10244. FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-10-20 17:07:02 UTC
From: Graham Shirville
Topic: 9912 Message: 10244

Hi All,
FUNcube-1/AO73 is now in amateur mode continuously for the weekend.. the transponder is active with lower power telemetry.
Have a great FUN JOTA weekend everyone!
73
Graham

10245. FUNcube operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-10-22 17:44:05 UTC
From: Graham Shirville
Topic: 10245 Message: 10245

Hi All,
FUNcube-1 /AO73 is now in autonomous mode for the weekdays.
FUNcube-2 on UKube continues to be in transponder mode 24/7.
The transponder on FUNcube-3/EO79 has been reported as being off – investigations are presently underway!
Nayif-1/EO88 continues to operate in autonomous mode 24/7.

73
Graham
G3VZV

10246. JY1-SAT Linear Transponder CubeSat + Colloquium Videos

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-10-24 14:34:38 UTC
From: M5AKA
Topic: 10246 Message: 10246

Jordan’s first satellite – JY1-SAT with 435/145 MHz linear transponder for SSB/CW
https://amsat-uk.org/2017/10/24/jordans-first-satellite-jy1-sat/

CAS-4A and CAS-4B amateur radio linear transponders active
https://amsat-uk.org/2017/10/18/cas-4a-and-cas-4b-amateur-radio-linear-transponders-activated/

AMSAT-UK Colloquium Talks – Videos on YouTube
https://amsat-uk.org/2017/10/16/introduction-to-amateur-satellites/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10247. AO-73/ FUNcube-1 weekend operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-03 19:46:19 UTC
From: Jim Heck G3WGM
Topic: 10025 Message: 10247

Hi All,

FUNcube-1 AO73 is now in full time transponder mode for the weekend. Plan as usual is to return it to normal operations on Sunday evening UTC.

Have FUN with the bird

73

Jim G3WGM and the FUNcube Team

_____
Sent via AMSAT-BB@.... AMSAT-NA makes this open forum available
to all interested persons worldwide without requiring membership. Opinions expressed
are solely those of the author, and do not reflect the official views of AMSAT-NA.
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Subscription settings: http://www.amsat.org/mailman/listinfo/amsat-bb

10248. D-Star and FM/SSTV CubeSats launch Nov/Dec

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-05 14:24:45 UTC
From: M5AKA
Topic: 10248 Message: 10248

Getting ready for RadFxSat (Fox-1B)
https://amsat-uk.org/2017/11/04/getting-ready-for-radfxsat-fox-1b/

New AMSAT-NA President Announces GOLF CubeSat Program
https://amsat-uk.org/2017/10/31/new-amsat-na-president-announces-golf-cubesat-program/

November 28 launch for D-Star One CubeSat which will host four D-Star communication modules, two of them will be fully dedicated to amateur radio
http://www.d-star.one/

December 20 launch for HA-1 CubeSat with FM transponder and SSTV
Developed by Teenagers Amateur Radio Center of Activity in Huai'an
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=589

IARU Region 1 announce new edition (8.00) of the VHF Handbook now available for free download
http://www.iaru-r1.org/index.php/vhfuhsshf/1737-vhf-manager-handbook-version-8-00

Page 12 of the November issue of SatMagazine features an article on the Jordanian JY1-SAT CubeSat which will carry an Amateur Radio linear transponder. Download the magazine PDF from
http://www.satmagazine.com/

Jordan’s first satellite – JY1-SAT
https://amsat-uk.org/2017/10/24/jordans-first-satellite-jy1-sat/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10249. WRC19 Preparatory Meeting underway in Geneva

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-08 22:20:59 UTC
From: M5AKA
Topic: 10249 Message: 10249

Countdown to World Radiocommunication Conference 2019
https://amsat-uk.org/2017/11/08/countdown-to-wrc19/

6th Staines Scouts receive FUNcube-1 (AO-79) message
https://amsat-uk.org/2017/11/06/6th-staines-scouts-receive-funcube-1-message/

D-Star One CubeSat undergoes final tests
http://www.spaceflightinsider.com/press-releases/successful-final-tests-d-star-one-small-satellite/

November edition of the AMSAT-EA newsletter (in Spanish) is now available for download
https://www.amsat-ea.org/contenidos/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10250. AO73/FUNcube Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-17 20:57:06 UTC
From: Jim Heck G3WGM
Topic: 10206 Message: 10250

Hi folks,

AO73/FUNcube is now in amateur mode for the weekend with the transponder on!
Plan as normal is to switch back to auto switching mode on Sun pm UTC

73s Jim G3WGM and the FUNcube team.

10251. Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-18 18:28:42 UTC
From: George Henry
Topic: 10251 Message: 10251

What programs are people using with the FCD Pro (not Plus) these days?
Looking to receive the telemetry from RadFxSat/Fox-1B (now AO-91).

George, KA3HSW

10252. Re: [FUNcube] Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-19 10:32:03 UTC
From: Siegfried Jackstien
Topic: 10251 Message: 10252

use hdsdr

extio for old dongle needed

hdsdr can easy track sats cause you can tune out doppler effect with a
sat tracking software via a dde link to hdsdr

for tracking i use orbitron (yes it is an old software but it works fine
and is easy to use)

for connecting orbitron with hdsdr you need "mydde" (a dde driving soft
that you will also find on the orbitron homepage)

and a way to route the audio to your telemetry decoding soft (stereomix
or virtual audio cable)

so setup as follows:

fcd >>> extiodiver >>> hdsdr

orbitron >>> mydde >>> hdsdr

hdsdr >>> stereomix or vac >>> telemetry decoder

.... done ....

hope that helps a bit

greetz

sigi dg9bfc

Am 18.11.2017 um 18:28 schrieb 'George Henry' ka3hsw@... [FUNcube]:
>
> What programs are people using with the FCD Pro (not Plus) these
> days?? Looking to receive the telemetry from RadFxSat/Fox-1B (now AO-91).
>
> George, KA3HSW
>
>

10253. Re: [FUNcube] Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-19 11:06:05 UTC
From: Alan
Topic: 10251 Message: 10253

> What programs are people using with the FCD Pro (not Plus) these
> days?? Looking to receive the telemetry from RadFxSat/Fox-1B (now AO-91).
>
>
george,

There is the Dashboard,
https://funcube.org.uk/working-documents/funcube-telemetry-dashboard/ I
do not know if it is relevant to AO-91. It may be run with HDSDR if you
wish.

73 Alan G4ZFQ

10254. Re: [FUNcube] Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-19 12:35:06 UTC
From: Alan
Topic: 10251 Message: 10254

>There is the Dashboard,
> https://funcube.org.uk/working-documents/funcube-telemetry-dashboard/ I
> do not know if it is relevant to AO-91. It may be run with HDSDR if you
> wish.

Although looking further I see the link is dead.
I this relevant nowadays? If so, where is it?

73 Alan G4ZFQ

10255. Re: [FUNcube] Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-19 13:48:06 UTC
From: Peter S
Topic: 10251 Message: 10255

Use this link for info on the new AO-91 cubesat:

https://www.amsat.org/getting-ready-for-radfxsat-fox-1b/

On this page you will find link to FoxTelem software they want you to use
to gather info from sat for the project.

Peter.

On 19 November 2017 at 12:35, Alan alanzfq@... [FUNcube] <
FUNcube@...> wrote:

> >There is the Dashboard,
> > https://funcube.org.uk/working-documents/funcube-telemetry-dashboard/ I
> > do not know if it is relevant to AO-91. It may be run with HDSDR if you
> > wish.
>
> Although looking further I see the link is dead.
> I this relevant nowadays? If so, where is it?
>
> 73 Alan G4ZFQ
>
>
> ------------------------------------
>
> ------------------------------------
>
> All up-to-date FCD information at http://funcubedongle.pbworks.com
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>
>

10256. Re: [FUNcube] Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-19 13:53:31 UTC
From: Graham Shirville
Topic: 10251 Message: 10256

Hi Alan,
Thanks for the heads-up on the broken link...we will get that fixed ASAP.
However this wont work with AO85/AO91 for which you need to use the Foxtlm software from AMSAT-NA
https://www.amsat.org/foxtelem-software-for-windows-mac-linux/
73
Graham
G3VZV

-----Original Message-----
From: Alan alanzfq@... [FUNcube]
Sent: Sunday, November 19, 2017 12:35 PM
To: FUNcube@...
Subject: Re: [FUNcube] Software?

>There is the Dashboard,
> https://funcube.org.uk/working-documents/funcube-telemetry-dashboard/ I
> do not know if it is relevant to AO-91. It may be run with HDSDR if you
> wish.

Although looking further I see the link is dead.
I this relevant nowadays? If so, where is it?

73 Alan G4ZFQ

All up-to-date FCD information at http://funcubedongle.pbworks.com

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Yahoo Groups Links

10257. FUNcube-1

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-19 18:27:46 UTC
From: Graham Shirville
Topic: 9722 Message: 10257

Hi All,
FUNcube-1 is now operating in autonomous mode so when in the sun we have full power telemetry and when in eclipse we have the transponder operating with the telemetry in low power.
This Tuesday will be FUNcube-1’s fourth birthday in space so please celebrate with us then.
73
Graham

10258. Re: [FUNcube] Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-19 19:01:16 UTC
From: Graham Shirville
Topic: 10251 Message: 10258

Hi Alan,
I am pleased to report that the link for the FUNcube-1 Dashboard software now works again!
73
Graham

-----Original Message-----
From: Alan alanzfq@... [FUNcube]
Sent: Sunday, November 19, 2017 11:06 AM
To: FUNcube@...
Subject: Re: [FUNcube] Software?

> What programs are people using with the FCD Pro (not Plus) these
> days? Looking to receive the telemetry from RadFxSat/Fox-1B (now AO-91).
>
>
george,

There is the Dashboard,
https://funcube.org.uk/working-documents/funcube-telemetry-dashboard/ I do not know if it is relevant to AO-91. It may be run with HDSDR if you wish.

73 Alan G4ZFQ

All up-to-date FCD information at http://funcubedongle.pbworks.com

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Yahoo Groups Links

10259. Re: [FUNcube] Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-19 19:49:35 UTC
From: Alan
Topic: 10251 Message: 10259

>I am pleased to report that the link for the FUNcube-1 Dashboard software

OK, Graham and also to Peter thanks for the link to FoxTelem.
I guess AO-91 orbital data is not yet automatically downloaded? I tried
earlier and AO-85 was tracked (too late for today) but not AO-91.

I probably need more than my discone.

73 Alan G4ZfQ

> now works again!
> 73
> Graham
>

10260. Re: [FUNcube] Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-19 20:00:26 UTC
From: Siegfried Jackstien
Topic: 10251 Message: 10260

yes ao91 is already in the list ...

but not yet as ao91 but as 2017-073c (will change soon when the 4 sats
have a greater distance and when we all know what number is what sat)

then when you run a tle update the name will change from 073c to ao91
(and will be in list cubesats or so and not in the list tle_new anymore)

greetz

sigi

dg9bfc

Am 19.11.2017 um 19:49 schrieb Alan alanzfq@... [FUNcube]:
> >I am pleased to report that the link for the FUNcube-1 Dashboard software
>
> OK, Graham and also to Peter thanks for the link to FoxTelem.
> I guess AO-91 orbital data is not yet automatically downloaded? I tried
> earlier and AO-85 was tracked (too late for today) but not AO-91.
>
> I probably need more than my discone.
>
> 73 Alan G4ZfQ
>
>> now works again!
>> 73
>> Graham
>>
>
>
> ------------------------------------
>
> ------------------------------------
>
> All up-to-date FCD information at http://funcubedongle.pbworks.com
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

10261. Re: [FUNcube] Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-19 20:57:22 UTC
From: Graham Shirville
Topic: 10251 Message: 10261

Hi Alan,
I think it should be working automatically...try making sure that under the satellites tab, RadFxSat has a tick in the "Track when Find Signal detected" box! It seems as strong as AO85 and I have heard that the transponder receiver is much more sensitive...but we have to wait for that to be opened for use...
73
Graham

-----Original Message-----
From: Alan alanzfq@... [FUNcube]
Sent: Sunday, November 19, 2017 7:49 PM
To: FUNcube@...
Subject: Re: [FUNcube] Software?

>I am pleased to report that the link for the FUNcube-1 Dashboard software

OK, Graham and also to Peter thanks for the link to FoxTelem.
I guess AO-91 orbital data is not yet automatically downloaded? I tried earlier and AO-85 was tracked (too late for today) but not AO-91.

I probably need more than my discone.

73 Alan G4ZfQ

> now works again!
> 73
> Graham
>

All up-to-date FCD information at http://funcubedongle.pbworks.com

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Yahoo Groups Links

10262. Re: [FUNcube] Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-19 22:05:25 UTC
From: Alan
Topic: 10251 Message: 10262

> I think it should be working automatically...try making sure that under the
> satellites tab, RadFxSat has a tick in the "Track when Find Signal detected"
> box
Graham,

It tracks AO-85, but says it cannot find the TLE for 91.
I see? nasabare.tle. with AO91 in it... I tried renaming to RadFxsat..

73 Alan G4ZFQ

10263. Re: Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-20 02:11:27 UTC
From: Alan
Topic: 10251 Message: 10263

At the top tab, Satellites and then RadFxSat. Upper left, you can type in AO-91. While mostly cosmetic, this will change the name on the tabs and menus, but it also tells FoxTelem which Kep to pull from nasabare.txt.

73s,

Alan
WA4SCA

10264. Re: [FUNcube] Re: Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-20 08:22:18 UTC
From: Alan
Topic: 10251 Message: 10264

> At the top tab, Satellites and then RadFxSat. Upper left, you can type in
> AO-91. While mostly cosmetic, this will change the name on the tabs and
> menus, but it also tells FoxTelem which Kep to pull from nasabare.txt.
>
Alan,

Thanks, tried that - no.
Deleted everything, started again, only AO-85 tracked. AO-91 "no TLE was found" message.

I'm using XP, maybe something does not configure. I tried on W10 and it looks like it will track both, once I have a spare USB port.

73 Alan G4ZFQ

10265. Re: [FUNcube] Re: Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-21 08:01:12 UTC
From: Alan
Topic: 10251 Message: 10265

>> At the top tab, Satellites and then RadFxSat. Upper left, you can type in
>> AO-91. While mostly cosmetic, this will change the name on the tabs and
>> menus, but it also tells FoxTelem which Kep to pull from nasabare.txt.
What I had to do to track both AO-85 and AO-91 was create the file
"FOX2.tle" The program only made "FOX1.tle"

73 Alan G4ZFQ

>> Thanks, tried that - no.
>> Deleted everything, started again, only AO-85 tracked. AO-91 "no TLE was
>> found" message.
>>
>> I'm using XP, maybe something does not configure. I tried on W10 and it
>> looks like it will track both, once I have a spare USB port.
>>

10266. FUNcube-1 celebrates its 4th birthday

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-21 10:52:52 UTC
From: M5AKA
Topic: 10266 Message: 10266

FUNcube-1 celebrates its 4th birthday
https://amsat-uk.org/2017/11/21/funcube-1-celebrates-4th-birthday/

RadFxSat (Fox-1B) Launched, Designated AMSAT-OSCAR 91 (AO-91)
https://amsat-uk.org/2017/11/18/radfxsat-fox-1b-ao-91/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

| | Virus-free. www.avg.com |

10267. AO73 and EO79 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-24 18:23:39 UTC
From: Graham Shirville
Topic: 10267 Message: 10267

Hi all,

Just to confirm that AO73 is now in full time transponder mode for the weekend.
Also please note that EO79 is presently not operational - more news soon.

73
Graham
G3VZV

++++++++++++++++++++++
AO-73 FUNcube-1

The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from PM Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power. During holidays, e.g. Christmas, New Year, Easter, etc, the transponder maybe activated for extended periods. Watch AMSAT-BB for announcements which are usually made on Friday evenings (UTC)

The nominal transponder frequencies are:

Uplink: 435.150 – 435.130 MHz LSB (Inverting)
Downlink: 145.950 – 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK

(The passband may be up to 15 kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)

The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).

The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds when the main OBC reboots (approx seven times each orbit).

The nominal transponder frequencies are:
Uplink: 435.080 – 435.060 MHz LSB (Inverting)
Downlink: 145.930 – 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79 FUNcube-3
** EO79 is presently not operational - further information will be made available as soon as possible**

Due to power budget constraints the transponder cannot be operational 24/7 and an orbit specific schedule has been developed. The transponder will commence operation 27 minutes after the spacecraft enters sunlight and will stay on for a period of 25 minutes. This schedule may be modified in future months as a result of experience.

The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

Further detailed info on EO79 transponder frequencies is at:
https://amsat-uk.org/2016/11/10/eo79-funcube-3-transponder-commences-regular-operation/

EO88/Nayif-1/FUNcube-5

EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, i.e. the solar panels are NOT being illuminated.

When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.

The transponder frequencies are:

Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

All FUNcube transponders are sponsored by AMSAT-UK and AMSAT-NL. We are very grateful for the assistance given by Innovative Solution In Space Bv, The Netherlands.

10268. AO73/FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-26 18:59:46 UTC
From: Graham Shirville
Topic: 10268 Message: 10268

Hi All,

Just to advise that AO73/FUNcube-1 is now in autonomous mode. For operational reasons the switch back to amateur mode for next weekend may not take place until “first thing” (UTC) on Saturday 3rd Dec.

Have a great FUN week!

73
Graham
G3VZV

10269. New release of MULTIPSK (4.33) - EGC

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-26 20:08:29 UTC
From: Patrick Lindecker
Topic: 10269 Message: 10269

New release of MULTIPSK (4.33)

Pour les francophones: la version en français de ce message se trouve sur mon site (http://f6cte.free.fr). Il suffit de cliquer sur le lien "Principales modifications (courriel avertissant de la sortie de la nouvelle version)".

Hello to all Ham and SWL,

The new release of MultiPSK (4.33) is on my Web site (http://f6cte.free.fr).

The mirror site is Earl's, N8KBR:
http://www.eqth.info/f6cte/MULTIPSK_setup.exe

The MD5 signature of the downloaded MULTIPSK_setup.exe file to, possibly, check (with WinMD5 for example), that the downloading works without error, is equal to: 15ccdfba148470018848a4c8fea380b3

Multipsk associated to Clock are freeware programs but with functions submitted to a licence (by user key).

The main improvement of MULTIPSK 4.33 is the following:

New professional mode EGC (RX)

The EGC (Enhanced Group Calls) service of Inmarsat C satellites uses the BPSK modulation at 1200 bauds to send broadcast messages either to all ships or to ships located on a given area, from a NCSC (Network Control Station Channel). The geostationary Inmarsat satellites 3F2 and 3F4 use respectiveley as frequencies 1541.450 and 1537.70 MHz for these transmissions

For Hams and SWL, a signal can be received:

· either, possibly, from a classical UHF (USB) receiver
speaker through a simple direct connection to the PC sound card,

· or with a SdR receiver (FunCube Dongle, RTL SDR,...)
and directly demodulated by Multipsk.

Partial decoding: the specifications of this mode are not public. Decoding has been made from pieces of information found on Internet. So not all the packets are decoded and none of the packets decoded are completly decoded.

Here it will be found a guide to receive and decode EGC transmissions with Multipsk:

http://f6cte.free.fr/EGC_easy_with_Multipsk.pdf

This mode is available for licencied copies, only (otherwise, the decoding is stopped after 5 minutes).

See general specifications further on.

Note about TLE files: if you use the "Satellites" option, don't forget to download

(with the "Downloading" button) the 5 recent TLE files (amateur.txt, argos.txt, orbcomm.txt, stations.txt, weather.txt).

Note about translation of Multipsk.exe and Clock .exe: the 4.32 version of Multipsk has been completly translated to Spanish by Joachin (EA4ZB), from French. The translation file is on my Web site (http://f6cte.free.fr/Translation_files.htm).

Description of the EGC mode (UHF, L band)

Baud rate: 1200

Modulation : BPSK

Bandwidth : about 1600 Hz.

Bit synchronization : automatic using the signal

Data synchronization : a double unique word for a total of 128 bits.

Correction code: no, but a checksum permits to validate each message

Convolution code: FEC R=1/2, k=7

Interleaving : yes

Scrambling: yes

Lowest S/N: about +4 dB.

73

Patrick

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
https://www.avast.com/antivirus

10270. Re:: Re: [FUNcube] Re: Software?

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-27 18:16:48 UTC
From: APBIDDLE@...
Topic: 10251 Message: 10270

One other thing to try is to delete the nasabare.txt and fox?.tle files. Also, make certain that the "Track when find signal box" is checked for AO-91. I had a similar problem with a new incidence, and that forced FoxTelem to download fresh sets.

73s,

Alan
WA4SCA

10271. FCD pro repair

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-27 19:06:18 UTC
From: Jan Kappert
Topic: 10271 Message: 10271

Hi,I'm afraid I damaged the input section of my FCD pro (first version).Increasing the gain setting does not change the reception level.It is still receiving but weak.
Is there any chance to get it repaired?
Br. Jan PAoPLY

Verzonden via Yahoo Mail op Android

10272. Re: [FUNcube] FCD pro repair

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-27 19:14:46 UTC
From: Alan
Topic: 10271 Message: 10272

> I'm afraid I damaged the input section of my FCD pro (first version).
> Increasing the gain setting does not change the reception level.
> It is still receiving but weak.
>
> Is there any chance to get it repaired?
Jan

Possible routes are listed here
http://funcubedongle.pbworks.com/w/page/110126728/Faulty%20Funcube%20Dongle
The question has been asked here several times in the last few months
but no-one has reported if any of them works.
But also no-one has said they have been unable to get it repaired.

73 Alan G4ZFQ

10273. Re: [FUNcube] FCD pro repair

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-11-27 19:39:15 UTC
From: Jan Kappert
Topic: 10271 Message: 10273

Hi Alan,Tks fer the suggestion.It did not help much sofar.Since there is no detailed diagram available in order to investigate the possible cause.It was used on 1296Mhz and Map65 for bandmapping and wsjt decoding.
Br. Jan

Verzonden via Yahoo Mail op Android

10274. AO73 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-12-02 08:42:51 UTC
From: Graham Shirville
Topic: 9694 Message: 10274

Hi All,
Just to confirm that AO73/FUNcube-1 is now in transponder mode for the weekend! Sorry for the delay....
73
Graham
G3VZV

10275. AO73/FUNcube-1 Mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-12-15 18:43:07 UTC
From: Graham Shirville
Topic: 10275 Message: 10275

Hi All,

Just to confirm that AO73/FUNcube-1 is now in continuous transponder mode for the weekend as usual.

Have FUN

73

Graham

G3VZV

10276. AO73 / FUNcube-1 Happy Holiday Mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2017-12-21 18:46:53 UTC
From: Graham Shirville
Topic: 10276 Message: 10276

Hi All,

Just to report that AO73/FUNcube-1 is now operating in full time transponder mode and will continue in this mode until the evening of Wednesday 3rd January 2018.

Please enjoy the transponder during this happy holiday period!

Season's greetings from the whole FUNcube team.

73

Graham

G3VZV

General Info:

AO-73 FUNcube-1
The transponder is normally operational only when the satellite is in eclipse, ie the solar panels are NOT being illuminated. During weekends (from pm Fridays UTC to PM Sundays UTC) the transponder is operational 24/7.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The nominal transponder frequencies are:
Uplink: 435.150 – 435.130 MHz LSB (Inverting)
Downlink: 145.950 – 145.970 MHz USB
Telemetry Tx: 145.935 MHz BPSK
(The passband may be up to 15kHz higher depending on on-board temps. Lower temperatures give higher freqs!)

FUNcube-2 (aka FUNcube on UKube)
The FUNcube-2 sub-system continues to operate autonomously and, almost continuously, in amateur mode. The transponder is operational and the telemetry downlink is functioning with about 70mW output. The FUNcube-1 Dashboard does not correctly display the telemetry but it does correctly decode the data and uploads it to the FUNcube Data Warehouse from where it can be examined. Most of the real time data channels are operational and these include battery voltages, temperatures and ADCS data coming via the main On Board Computer (OBC).
The transponder is interrupted for a few seconds every 2 minutes when the other transmitter sends its CW beacon and, occasionally, for a few seconds when the main OBC reboots (approx seven times each orbit).
The nominal transponder frequencies are:
Uplink: 435.080 – 435.060 MHz LSB (Inverting)
Downlink: 145.930 – 145.950 MHz USB
Telemetry Tx: 145.915 MHz BPSK

(The passband may be up to 10kHz higher depending on on-board temps. Low temperatures give higher freqs!)

EO79
Dec 2017 Update – As a result of on-board operational issues this transponder is NOT currently active.
Due to power budget constraints the transponder cannot be operational 24/7 and an orbit specific schedule has been developed. The transponder will commence operation 27 minutes after the spacecraft enters sunlight and will stay on for a period of 25 minutes. This schedule may be modified in future months as a result of experience.
The nominal transponder frequencies are:
Uplink: 435.0723-435.0473 MHz LSB (Inverting)
Downlink: 145.946-145.971 MHz USB

EO88/Nayif-1/FUNcube-5
EO88 is presently operating in autonomous mode. The transponder is operational when the satellite is in eclipse, ie the solar panels are NOT being illuminated.
When the transponder is switched off, the telemetry beacon is on full power, when the transponder is on the beacon it is on low power.
The transponder frequencies are:
Uplink: 435.045 – 435.015 MHz LSB (inverting)
Downlink: 145.960-145.990 MHz USB
Telemetry Tx: 145.940MHz

10277. FUNcube-1 / AO73 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-01-03 18:03:26 UTC
From: GRAHAM SHIRVILLE
Topic: 10277 Message: 10277

Hi All,
As planned, AO73 is now back in autonomous mode until Friday evening when the usual "weekend of transponder" mode will be restarted.
In other news, please be aware that AO73 will start to experience much shorter eclipse periods during this month and will be in full sun for some weeks starting around 6th February until 13th March. The operating modes for this period will be announced nearer the time!
73GrahamG3VZV

10278. AO73/FUNcube-1 Weekend mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-01-05 18:30:03 UTC
From: Graham Shirville
Topic: 10278 Message: 10278

Hi All,

AO73 is now in continuous amateur mode for the weekend. The transponder is on and low power telemetry is available.

If you are holding an educational outreach event over the next few weeks please request a short Fitter message by emailing operations@... giving us at least a week's notice!

thanks and 73

Graham

G3VZV

10279. D-Star CubeSat launch + EME on BBC TV

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-01-10 20:04:50 UTC
From: M5AKA
Topic: 10279 Message: 10279

BBC TV to show Michael Portillo 5.6 GHz moonbounce Friday, January 12
https://amsat-uk.org/2018/01/06/bbc-tv-to-show-michael-portillo-moonbounce/

D-Star One project @GermanOrbital plans to launch their CubeSat on a Soyuz-2/Fregat on February 1, 2018 from Vostochny
http://www.orbitalsystems.de/d-star-one-second-birth/

FM transponder CubeSats PicSat and Fox-1D launch 0359 UT on Friday, January 12 from Sriharikota
https://www.amsat.org/getting-ready-for-fox-1d/

The TY2, TY3, TY4, TY5, 6U CubeSats are expected to launch on January 17 from Jiuquan on a CZ-11. Developed by the Hunan Amateur Radio Society the satellites carry payloads operating in the 5650 and 5830 MHz bands. The 5 GHz frequencies are:
Downlink 5833.000 MHz(TY2) 5836.000 MHz(TY3) 5839.000 MHz(TY4) 5842.00 0 MHz(TY5)
Uplink 5653.000 MHz(TY2) 5656.000 MHz(TY3) 5659.000 MHz(TY4) 5665.000 MHz(TY5)
Information on other frequencies is at
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=556

December issue of free Weather Satellite magazine GEO Quarterly available for download
https://amsat-uk.org/2017/12/11/geo-quarterly-magazine/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

| | Virus-free. www.avg.com |

10280. FUNcube-1/AO73 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-01-12 19:05:20 UTC
From: Graham Shirville
Topic: 10280 Message: 10280

Hi All,

AO73 is now in continuous amateur mode for the weekend. The transponder is on with low power telemetry also active.

Early next month AO73 will be entering a period of some weeks of continuous sunlight. We are planning then to have a new operating schedule as below:

Sunday pm through to Thursday am or pm - Continuous educational mode with full power telemetry.

Thursday through to Sunday pm - Continuous amateur mode with the transponder on, and with low power telemetry also active.

These plans will be reviewed with experience so may change!

Keep having FUN in space.

73

Graham

G3VZV

10281. FUNcube-1/AO73 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-01-25 09:06:47 UTC
From: Graham Shirville
Topic: 10280 Message: 10281

Hi All,

As previously advised, AO73 will shortly be entering fullsun light and already the eclipse periods are only 11/12 minutes every orbit.Current predictions indicate that full sun will commence on Feb 6thand last through until March 14th.
Our autonomous, on-board, scheduling system is based uponswitching modes when entering and leaving eclipses, was not designed for this situations and will therefore not besuitable for operations over the next few months.
In line with the recently published plan, AO73 was switchedto continuous amateur mode earlier this morning and will stay in this modeuntil Sunday night or Monday morning. We expect that this schedule will continue until mid April. The next full sun periods are then expected to return again in late August
Further info is available at https://funcube.org.uk/news/

73FUNcube Operations

10282. Re: [FUNcube] FUNcube-1/AO73 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-01-25 09:25:43 UTC
From: GORDON BROWN
Topic: 10280 Message: 10282

Please delete G3MZV Mr G Brown from all your e-mails

my husband has died and I no longer want to see emails to him

I have tried to stop it but nobody seems to take any notice

Thank you

J Brown

> On 25 January 2018 at 09:06 "Graham Shirville g.shirville@...
> [FUNcube]" <FUNcube@yahoogroups.co.uk> wrote:
>
>
> Hi All,
>
> As previously advised, AO73 will shortly be entering full sun light and
> already the eclipse periods are only 11/12 minutes every orbit. Current
> predictions indicate that full sun will commence on Feb 6th and last through
> until March 14th.
>
> Our autonomous, on-board, scheduling system is based upon switching modes
> when entering and leaving eclipses, was not designed for this situations and
> will therefore not be suitable for operations over the next few months.
>
> In line with the recently published plan, AO73 was switched to continuous
> amateur mode earlier this morning and will stay in this mode until Sunday
> night or Monday morning. We expect that this schedule will continue until mid
> April. The next full sun periods are then expected to return again in late
> August
>
> Further info is available at https://funcube.org.uk/news/
> https://funcube.org.uk/news/
>
> https://funcube.org.uk/news/
> 73
>
> FUNcube Operations
>
>

>

10283. FUNcube-1/AO73 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-01-29 09:56:22 UTC
From: Graham Shirville
Topic: 10280 Message: 10283

Hi All,Just to confirm that AO73 is now in continuous education mode with the high power telemetry. Amateur mode may be expected to resume on Thursday morning(UTC)73GrahamG3VZV

10284. AO73 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-01-31 09:06:26 UTC
From: Graham Shirville
Topic: 9694 Message: 10284

Hi All,

Due to operational constraints, AO73 is now in amateur mode, with the transponder active and low power telemetry until Sunday evening!

Have FUN

73
Graham
G3VZV

10285. Re: [FUNcube] FUNcube-1/AO73 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-01-30 07:09:17 UTC
From: f5nfb
Topic: 10280 Message: 10285

Hello the group.

I'm new in satellite receptions.

With my FCDpro+ what hardware do I need to receive amateur satellites ?
I have a discone antenna. Is that enough ? Should I put a preamp ? Which
? closer to the antenna?

73 - Jo

F5NFB

Le 29/01/2018 à 10:56, Graham Shirville g.shirville@...
[FUNcube] a écrit :
> Hi All,
> Just to confirm that AO73 is now in continuous education mode with the
> high power telemetry. Amateur mode may be expected to resume on
> Thursday morning(UTC)
> 73
> Graham
> G3VZV
>

10286. FUNcube-1/AO73 operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-02-04 18:12:47 UTC
From: Graham Shirville
Topic: 10286 Message: 10286

Hi All,
AO73 is now in continuous educational mode. Please expect the next mode change to take place on Thursday.
Predictions indicate that AO73 will enter continuous sunlight for a period of approx six weeks on Tuesday!
73
Graham
G3VZV

10287. AO73/FUNcube-1 Mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-02-08 06:44:13 UTC
From: Graham Shirville
Topic: 10275 Message: 10287

Hi All,
AO73/FUNcube-1 is now in continuous amateur mode until Sunday. Have fun with the transponder.
73
Graham
G3VZV

10288. FW: decoding data

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-02-08 13:14:14 UTC
From: Louw Ferreira
Topic: 10288 Message: 10288

From: Louw Ferreira [mailto:ferreirasl@...]
Sent: 08 February 2018 12:52 PM
To: 'funcube@...'
Subject: decoding data

Hi

I am a starter of decoding data and is in South Africa.

I receive a signal from the funcube sat. And can clearly hear it but no decoding. I am using

A SDR dongle not the funcube dongle. Can it be that I need a better antenna? The one I use is a homemade 2m and 70cm dual

Which works well for all the other satellites.

The switching over from educational to amateur mode is it done automatically or how does it work. What happens if it goes into darkness?

Although America is in daylight and South Africa is in night time and it passes over South Africa it will switch mode automatically?

Is there anything special that I am missing or not doing which results in the failure to decode .

Thanks

Louw

10289. Re: [FUNcube] FW: decoding data

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-02-08 14:41:26 UTC
From: Graham Shirville
Topic: 10288 Message: 10289

Hi Louw,
Welcome to the FUNcube world and thanks for your efforts. We are always please to be able to add new stations to our network
I would suggest that, if you have not already done so, you could start by looking at the https://funcube.org.uk website and then by reading the user manual https://funcube.org.uk/working-documents/funcube-telemetry-dashboard/ which describes how to setup the FUNcube Dashboard with a FCD and how to link it to the Data Warehouse.
In relation to the sun/eclipse periods, AO73/FUNcube-1 has just entered a period of continuous sunlight. This is the first time that this has happened so is a new experience for the spacecraft and will last until mid March. The current schedule can be reviewed here https://funcube.org.uk/news/
best regardsGrahamG3VZV From: Louw Ferreira[mailto:ferreirasl@...]
Sent: 08 February 2018 12:52 PM
To: 'funcube@...'
Subject: decoding data Hi I am a starter of decoding data and is in SouthAfrica. I receive a signal from the funcube sat. And can clearlyhear it but no decoding. I am using A SDR dongle not the funcube dongle. Can it be that I need abetter antenna? The one I use is a homemade 2m and 70cm dual Which works well for all the other satellites. The switching over from educational to amateur mode is itdone automatically or how does it work. What happens if it goes into darkness? Although America is in daylight and South Africa is in nighttime and it passes over South Africa it will switch mode automatically? Is there anything special that I am missing or not doingwhich results in the failure to decode .
Thanks Louw

10290. Re: [FUNcube] FW: decoding data

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-02-08 14:54:24 UTC
From: Alan
Topic: 10288 Message: 10290

> I receive a signal from the funcube sat. And can clearly hear it but
> no decoding. I am using
>
> A SDR dongle not the funcube dongle.
>

Louw,

What dongle, and how you are sending the audio to the dashboard?

73 Alan G4ZFQ

10291. RE: [FUNcube] FW: decoding data

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-02-08 15:35:49 UTC
From: Louw Ferreira
Topic: 10288 Message: 10291

Hi Graham

Thank you for your interest in my problem. I appreciate it very much.

Regards

Louw

From: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
Sent: 08 February 2018 04:41 PM
To: FUNcube@yahoogroups.co.uk
Subject: Re: [FUNcube] FW: decoding data

Hi Louw,

Welcome to the FUNcube world and thanks for your efforts. We are always please to be able to add new stations to our network

I would suggest that, if you have not already done so, you could start by looking at the <https://funcube.org.uk/> https://funcube.org.uk

website and then by reading the user manual <https://funcube.org.uk/working-documents/funcube-telemetry-dashboard/> https://funcube.org.uk/working-documents/funcube-telemetry-dashboard/ which describes how to setup the FUNcube Dashboard with a FCD and how to link it to the Data Warehouse.

In relation to the sun/eclipse periods, AO73/FUNcube-1 has just entered a period of continuous sunlight. This is the first time that this has happened so is a new experience for the spacecraft and will last until mid March. The current schedule can be reviewed here <https://funcube.org.uk/news/> https://funcube.o rg.uk/news/

best regards

Graham

G3VZV

From: Louw Ferreira [mailto:ferreirasl@telkomsa.net]
Sent: 08 February 2018 12:52 PM
To: 'funcube@...'
Subject: decoding data

Hi

I am a starter of decoding data and is in South Africa.

I receive a signal from the funcube sat. And can clearly hear it but no decoding. I am using

A SDR dongle not the funcube dongle. Can it be that I need a better antenna? The one I use is a homemade 2m and 70cm dual

Which works well for all the other satellites.

The switching over from educational to amateur mode is it done automatically or how does it work. What happens if it goes into darkness?

Although America is in daylight and South Africa is in night time and it passes over South Africa it will switch mode automatically?

Is there anything special that I am missing or not doing which results in the failure to decode .

Thanks

Louw

10292. RE: [FUNcube] FW: decoding data

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-02-08 15:43:05 UTC
From: Louw Ferreira
Topic: 10288 Message: 10292

Hi Alan

Thanks for coming back to me.

The dongle is a RTL SDR usb tuner receiver/R820T +8232 8bit.

I use the VB audio cable.

Louw

From: FUNcube@... [mailto:FUNcube@...]
Sent: 08 February 2018 04:54 PM
To: FUNcube@...
Subject: Re: [FUNcube] FW: decoding data

> I receive a signal from the funcube sat. And can clearly hear it but
> no decoding. I am using
>
> A SDR dongle not the funcube dongle.
>

Louw,

What dongle, and how you are sending the audio to the dashboard?

73 Alan G4ZFQ

10293. HamRadioNow interviews AMSAT President Joe Spier K6WAO

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-02-09 20:18:16 UTC
From: M5AKA
Topic: 10293 Message: 10293

HamRadioNow interviews AMSAT President Joe Spier K6WAO at Orlando HamCation
https://amsat-uk.org/2018/02/09/hamradionow-interviews-amsat-president-joe-spier-k6wao/

AmsatDroidFree now open source
https://amsat-uk.org/2018/01/30/amsatdroidfree-now-open-source/

Archive of GEO Quarterly Weather Satellite magazines available for download
https://amsat-uk.org/2017/12/11/geo-quarterly-magazine/

AO-73 / FUNcube-1 Illumination
https://amsat-uk.org/2018/01/15/ao73-funcube-1-illumination-jan/

PV8DX video of AO73 FUNcube-1 telemetry reception during an illuminated night pass
https://www.youtube.com/watch?v=3UOzkTLlk44

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10294. FUNcube-1/AO73

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-02-15 18:16:52 UTC
From: Graham Shirville
Topic: 10294 Message: 10294

Hi All,The spacecraft is now in amateur mode with the transponder active until Monday morning (UTC)73GrahamG3VZV

10295. AO73/FC1 operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-02-22 07:59:17 UTC
From: Graham Shirville
Topic: 10295 Message: 10295

Hi all,

Just to advise that AO73/FUNcube-1 is now in amateur mode, with the transponder on, until Monday morning UTC.
As a reminder there is also the transponder on EO88/ Nayif-1 which continues to operate when in eclipse and the transponder on UKube-1 which is also available 24/7.

73
Graham

10296. Es’hail-2 geostationary satellite discussed in Doha

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-02-26 11:21:54 UTC
From: M5AKA
Topic: 10296 Message: 10296

Es’hail-2 geostationary satellite discussed in Doha in January
https://amsat-uk.org/2018/02/26/eshail-2-geostationary-satellite-discussed-in-doha/

On February 25, 2018 Es'hailSat @eshailsat tweeted that Es'hail-2 reached a major milestone in spacecraft and ground compatibility, with successful completion of TT&C RF and baseband compatibility tests.
https://twitter.com/eshailsat/status/967678982404689920

Radio amateur brings her hobby to university
https://amsat-uk.org/2018/02/12/radio-amateur-brings-her-hobby-to-university/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10297. AO73 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-02 08:41:32 UTC
From: Graham Shirville
Topic: 9694 Message: 10297

Hi All,

Just to advise that AO73/FUNcube-1 is now in amateur mode with the transponder active for the weekend.

Have fun...

73

Graham

G3VZV

10298. AO73/FUNcube-1 Mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-08 07:20:51 UTC
From: Graham Shirville
Topic: 10275 Message: 10298

Hi All,
AO73/FUNcube-1 is now in amateur mode with the transponder on.
Have fun
73
Graham
G3VZV

10299. Re: [FUNcube] AO73/FUNcube-1 Mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-09 08:02:06 UTC
From: f5nfb
Topic: 10275 Message: 10299

Hi the group.

How can i receive AO73 with my funcube pro + ?

I have a discone antenna. Is it a good choice ?

What should I add? Filter, pre amp? Which software?

Where can i found them ?

73 and thanks for your help.

F5NFB - Jo

Le 08/03/2018 ? 08:20, 'Graham Shirville' g.shirville@...
[FUNcube] a ?crit?:
>
> Hi All,
> AO73/FUNcube-1 is now in amateur mode with the transponder on.
> Have fun
> 73
> Graham
> G3VZV
>

10300. Re: [FUNcube] AO73/FUNcube-1 Mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-09 08:31:11 UTC
From: Graham Shirville
Topic: 10275 Message: 10300

On Fri, 9/3/18, f5nfb f5nfb@yahoo.com [FUNcube] <FUNcube@...> wrote:

Subject: Re: [FUNcube] AO73/FUNcube-1 Mode
To: FUNcube@...
Date: Friday, 9 March, 2018, 8:02

Hi Jo,
Unless you have a long coax line then you probably don’t need anything extra...yes download the Dashboard software from Funcube.org.uk website to display the telemetry.. I would recommend reading the guidance notes!
Best wishes
Graham

Hi the group.
How can i receive AO73 with my funcube pro + ?

I have a discone antenna. Is it a good choice ?
What
should I add? Filter, pre amp?
Which
software?
Where can
i found them ?

73 and
thanks for your help.
F5NFB -
Jo

Le 08/03/2018
ï¿½ 08:20, 'Graham
Shirville' g.shirville@...
[FUNcube] a ï¿½critï¿½:

ï¿½

Hi All,
AO73/FUNcube-1 is now in amateur mode
with the
transponder on.
Have fun
73
Graham
G3VZV

10301. Re: [FUNcube] AO73/FUNcube-1 Mode

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-09 10:16:27 UTC
From: Peter Fambely
Topic: 10275 Message: 10301

Try amsatuk.org. You will discover all you need to know

Peter G0BHP

On Mar 9, 2018 8:02 AM, "f5nfb f5nfb@... [FUNcube]" <
FUNcube@yahoogroups.co.uk> wrote:

>
>
> Hi the group.
>
> How can i receive AO73 with my funcube pro + ?
>
> I have a discone antenna. Is it a good choice ?
>
> What should I add? Filter, pre amp? Which software?
>
> Where can i found them ?
>
> 73 and thanks for your help.
>
> F5NFB - Jo
>
> Le 08/03/2018 ï¿½ 08:20, 'Graham Shirville' g.shirville@...
> [FUNcube] a ï¿½critï¿½:
>
> ï¿½
>
> Hi All,
> AO73/FUNcube-1 is now in amateur mode with the transponder on.
> Have fun
> 73
> Graham
> G3VZV
>
>
>
>

10302. [FUNcube] FUNCUBE with Linux...

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-11 16:11:26 UTC
From: f5nfb
Topic: 10275 Message: 10302

Hi patrol.
I decided to drop windows. I installed UBUNTU and little by little I
resume all my radio software.
So I installed GQRX with my funcube dongle pro.
The problem is that the software works fine except that ... I have no sound.
Does anyone use this software and can it help me?
73 to all and good weekend.
Jo.

10303. Re: [FUNcube] FUNCUBE with Linux...

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-11 16:25:07 UTC
From: Siegfried Jackstien
Topic: 10275 Message: 10303

does it receive?? (so then you selected correct input setting)

if yes ... but no audio

what output did you select in gqrx??

dg9bfc sigi

Am 11.03.2018 um 16:11 schrieb f5nfb f5nfb@... [FUNcube]:
>
> Hi patrol.
> I decided to drop windows. I installed UBUNTU and little by little I
> resume all my radio software.
> So I installed GQRX with my funcube dongle pro.
> The problem is that the software works fine except that ... I have no
> sound.
> Does anyone use this software and can it help me?
> 73 to all and good weekend.
> Jo.
>
>

10304. Re: [FUNcube] FUNCUBE with Linux...

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-11 16:39:25 UTC
From: f5nfb
Topic: 10275 Message: 10304

Yes, GQRX receives.

I selected FUNCUB DONGLE 2.0.

The spectrum analyzer shows signals on frequencies.

I selected Internal audio analogic stereo device but... no sound.

Neither with the internal speaker or headphones.

F5NFB - Jo.

Le 11/03/2018 à 17:25, Siegfried Jackstien
siegfried.jackstien@... [FUNcube] a écrit :
>
> does it receive?? (so then you selected correct input setting)
>
> if yes ... but no audio
>
> what output did you select in gqrx??
>
> dg9bfc sigi
>
>
> Am 11.03.2018 um 16:11 schrieb f5nfb f5nfb@... [FUNcube]:
>>
>> Hi patrol.
>> I decided to drop windows. I installed UBUNTU and little by little I
>> resume all my radio software.
>> So I installed GQRX with my funcube dongle pro.
>> The problem is that the software works fine except that ... I have no
>> sound.
>> Does anyone use this software and can it help me?
>> 73 to all and good weekend.
>> Jo.
>>
>
>

10305. Re: [FUNcube] FUNCUBE with Linux...

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-11 23:14:44 UTC
From: Doug
Topic: 10275 Message: 10305

Hi Jo

Did you slide the gain up at the right bottom panel?

Doug

10306. Re: [FUNcube] FUNCUBE with Linux...

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-12 10:19:59 UTC
From: H.N. van Roon
Topic: 10275 Message: 10306

Welcome nu linux. It all Works 1/2 .

Op 11 mrt. 2018 17:11 schreef "f5nfb f5nfb@... [FUNcube]" <
FUNcube@...>:

>
>
> Hi patrol.
> I decided to drop windows. I installed UBUNTU and little by little I
> resume all my radio software.
> So I installed GQRX with my funcube dongle pro.
> The problem is that the software works fine except that ... I have no
> sound.
> Does anyone use this software and can it help me?
> 73 to all and good weekend.
> Jo.
>
>

10307. Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-16 19:33:56 UTC
From: wemccourt@...
Topic: 10307 Message: 10307

Hi,

Have had my dongle for quite a while just sitting in it's box. Have recently tried to get it to work without success. Have tried SDR#, HDSDR and SDR Console (current).

Plugging in dongle gives appropriate windows indication for a new USB device, that the driver has been loaded and in Devices window it shows up as an audio device with the FCD Vers 2.0 identification. So as far as Windows 10, there's no issues.

Can find the dongle in configuration drop down menus but cant get the thing to work. Don't know if it died and went to heaven during it's long hiatus or what. Did have it working well before I put it away.

Is there a service that can check these out or does Howard still deal with them? Maybe some kind of diagnostic to see if the thing is functioning as a radio, as this is the part that seems to be in trouble?

10308. Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-16 20:25:10 UTC
From: Alan
Topic: 10307 Message: 10308

> Have had my dongle for quite a while just sitting in it's box. Have
> recently tried to get it to work without success. Have tried SDR#,
> HDSDR and SDR Console (current).
>
> Plugging in dongle gives appropriate windows indication for a new USB
> device, that the driver has been loaded and in Devices window it shows
> up as an audio device with the FCD Vers 2.0 identification.
Various checks here
http://funcubedongle.pbworks.com/w/page/108607642/USB%20problems%20on%20newer%20computers
other info on other pages.

Alan G4ZFQ

10309. Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-17 15:31:16 UTC
From: Bill McCourt - WF1L
Topic: 10307 Message: 10309

Was able to finally get the thing to work. Found out that my ExtIO.dll file was not being successfully unzipped. Once I discovered that and made the correction everything fell into place and dongle decoded fine. (Whew! Getting a bit concerned there.)
Thanks!

On ☐Friday☐, ☐March☐ ☐16☐, ☐2018☐ ☐20☐:☐25☐:☐54☐ ☐GMT, Alan alanzfq@... [FUNcube] <FUNcube@...> wrote:

> Have had my dongle for quite a while just sitting in it's box. Have
> recently tried to get it to work without success. Have tried SDR#,
> HDSDR and SDR Console (current).
>
> Plugging in dongle gives appropriate windows indication for a new USB
> device, that the driver has been loaded and in Devices window it shows
> up as an audio device with the FCD Vers 2.0 identification.

Various checks here
http://funcubedongle.pbworks.com/w/page/108607642/USB%20problems%20on%20newer%20computers
other info on other pages.

Alan G4ZFQ

10310. Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-17 16:33:49 UTC
From: Alan Melia
Topic: 10307 Message: 10310

Ah this is interesting. It often looks as though files are extracted from zips on W7 and about.....you can run or at least read them. However this probably does not suit items like the ExtIO file. Thanks for reporting your fix I don't think I have ever seen that reported before, but I do remember having a similar problem at one time (long long ago :-)))

David is this something someone could add to the wiki ??

Alan
G3NYK
----- Original Message -----
From: Bill McCourt - WF1L wemccourt@... [FUNcube]
To: Alan alanzfq@... [FUNcube]
Sent: Saturday, March 17, 2018 3:31 PM
Subject: Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Was able to finally get the thing to work. Found out that my ExtIO.dll file was not being successfully unzipped. Once I discovered that and made the correction everything fell into place and dongle decoded fine. (Whew! Getting a bit concerned there.)

Thanks!

On ☐Friday☐, ☐March☐ ☐16☐, ☐2018☐ ☐20☐:☐25☐:☐54☐ ☐GMT, Alan alanzfq@... [FUNcube] <FUNcube@...> wrote:

> Have had my dongle for quite a while just sitting in it's box.. Have
> recently tried to get it to work without success. Have tried SDR#,
> HDSDR and SDR Console (current).
>
> Plugging in dongle gives appropriate windows indication for a new USB
> device, that the driver has been loaded and in Devices window it shows
> up as an audio device with the FCD Vers 2.0 identification.
Various checks here
http://funcubedongle.pbworks.com/w/page/108607642/USB%20problems%20on%20newer%20computers
other info on other pages.

Alan G4ZFQ

10311. Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-17 17:09:23 UTC
From: David J Taylor
Topic: 10307 Message: 10311

Ah this is interesting. It often looks as though files are extracted from zips on W7 and about.....you can run or at least read them. However this probably does not suit items like the ExtIO file. Thanks for reporting your fix I don't think I have ever seen that reported before, but I do remember having a similar problem at one time (long long ago :-)))

David is this something someone could add to the wiki ??

Alan
G3NYK
==========

Yes, Alan, of course. You should now have an invite to join the writers.

BTW: When you have downloaded a Zip file, be sure to right-click, Properties, Unblock it, otherwise extracted items may also carry the "Unsafe as it's from another computer" tag. Perhaps that's what "not properly unzipped" was referring to?

73,
David GM8ARV
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...
Twitter: @gm8arv

10312. Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-17 17:13:09 UTC
From: Alan
Topic: 10307 Message: 10312

> Was able to finally get the thing to work. Found out that my
> ExtIO.dll file was not being successfully unzipped. Once I discovered
> that and made the correction everything fell into place and dongle
> decoded fine.

Bill
As Alan G3NYK says thanks for letting us know.
I can add it to the Wiki but not I'm not clear how you did that.
Or was it due to Windows stupid way of hiding extensions (.zip)?
I always set mine to display the extension, then you know what you are
attempting to do.

73 Alan G4ZFQ

>
> All up-to-date FCD information at http://funcubedongle.pbworks.com
>
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>
> Visit Your Group
> <https://uk.groups.yahoo.com/neo/groups/FUNcube/info;_ylc=X3oDMTJmZ2RhOGZjBF9TAzk3NDkwNT
A1BGdycElkAzcxMDU4MzA4BGdycHNwSWQDMTY5MDA2MzEwOARzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzE1MjEzMDA2
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> * New Members
> <https://uk.groups.yahoo.com/neo/groups/FUNcube/members/all;_ylc=X3oDMTJnamJvMTZnBF9TAzk
3NDkwNTA1BGdycElkAzcxMDU4MzA4BGdycHNwSWQDMTY5MDA2MzEwOARzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxN
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> Yahoo! Groups
> <https://uk.groups.yahoo.com/neo;_ylc=X3oDMTJlbWNwM21iBF9TAzk3NDkwNTAzBGdycElkAzcxMDU4Mz
A4BGdycHNwSWQDMTY5MDA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTUyMTMwMDY3OQ-->
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10313. Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-17 17:47:56 UTC
From: Bill McCourt - WF1L
Topic: 10307 Message: 10313

Found out that my copy of Zip7 wasn't truly installed and had to go back to the MS Store to download and reinstall the software. All of a sudden I got the start screen and the software began working like I had initially expected and things got progressively better. Am listening on 20M today and am going to try and see if I can get WSJX to decode FT8 digital modes. never tried that.
Bill - WF1L

On ☐Saturday☐, ☐March☐ ☐17☐, ☐2018☐ ☐17☐:☐13☐:☐22☐ ☐GMT, Alan alanzfq@... [FUNcube] <FUNcube@...> wrote:

> Was able to finally get the thing to work. Found out that my
> ExtIO.dll file was not being successfully unzipped. Once I discovered
> that and made the correction everything fell into place and dongle
> decoded fine.

Bill
As Alan G3NYK says thanks for letting us know.
I can add it to the Wiki but not I'm not clear how you did that.
Or was it due to Windows stupid way of hiding extensions (.zip)?
I always set mine to display the extension, then you know what you are attempting to do.

73 Alan G4ZFQ

>
> All up-to-date FCD information at http://funcubedongle.pbworks.com
>
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>
> Visit Your Group
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> * New Members
> <https://uk.groups.yahoo.com/neo/groups/FUNcube/members/all;_ylc=X3oDMTJnamJvMTZnBF9TAzk3NDkwNTA1BGdycElkAzcxMDU4MzA4BGdycHNwSWQDMTY5MDA2MzEwOARzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxNTIxMzAwNjc5>
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> Yahoo! Groups
> <https://uk.groups.yahoo.com/neo;_ylc=X3oDMTJlbWNwM21iBF9TAzk3NDkwNTAzBGdycElkAzcxMDU4MzA4BGdycHNwSWQDMTY5MDA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTUyMTMwMDY3OQ-->

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10314. Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-17 18:44:55 UTC
From: Alan Melia
Topic: 10307 Message: 10314

Thanks David. We are not often seeing problems that have not surfaced previously, but it happens occasionally.

Best Wishes
Alan
G3NYK

----- Original Message -----
From: "'David J Taylor' david-taylor@... [FUNcube]"
<FUNcube@...>
To: <FUNcube@...>
Sent: Saturday, March 17, 2018 5:09 PM
Subject: Re: [FUNcube] Fun Cube Dongle Pro+ Not working

> Ah this is interesting. It often looks as though files are extracted from
> zips on W7 and about.......you can run or at least read them. However this
> probably does not suit items like the ExtIO file. Thanks for reporting
> your
> fix I don't think I have ever seen that reported before, but I do remember
> having a similar problem at one time (long long ago :-)))
>
> David is this something someone could add to the wiki ??
>
> Alan
> G3NYK
> ================================
>
> Yes, Alan, of course. You should now have an invite to join the writers.
>
> BTW: When you have downloaded a Zip file, be sure to right-click,
> Properties, Unblock it, otherwise extracted items may also carry the
> "Unsafe
> as it's from another computer" tag. Perhaps that's what "not properly
> unzipped" was referring to?
>
> 73,
> David GM8ARV
> --
> SatSignal Software - Quality software written to your requirements
> Web: http://www.satsignal.eu
> Email: david-taylor@...
> Twitter: @gm8arv
>
>
>
> ------------------------------------

> Posted by: "David J Taylor" <david-taylor@...>
> ---
>
> All up-to-date FCD information at http://funcubedongle.pbworks.com
>
>
> ---
>
> Yahoo Groups Links
>
>
>

10315. Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-17 18:53:27 UTC
From: Alan Melia
Topic: 10307 Message: 10315

Thanks Alan, I am a bit out of practice with the FCD I have not used mine for some time. :-((

Alan (the other one :-)))
G3NYK

----- Original Message -----
From: "Alan alanzfq@... [FUNcube]" <FUNcube@...>
To: <FUNcube@...>
Sent: Saturday, March 17, 2018 5:13 PM
Subject: Re: [FUNcube] Fun Cube Dongle Pro+ Not working

>
>> Was able to finally get the thing to work. Found out that my
>> ExtIO.dll file was not being successfully unzipped. Once I discovered
>> that and made the correction everything fell into place and dongle
>> decoded fine.
>
> Bill
> As Alan G3NYK says thanks for letting us know.
> I can add it to the Wiki but not I'm not clear how you did that.
> Or was it due to Windows stupid way of hiding extensions (.zip)?
> I always set mine to display the extension, then you know what you are
> attempting to do.
>
> 73 Alan G4ZFQ
>
>
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>> All up-to-date FCD information at http://funcubedongle.pbworks.com
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>> Visit Your Group
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>> * New Members
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>> <https://uk.groups.yahoo.com/neo/groups/FUNcube/members/all;_ylc=X3oDMTJnamJvMTZnBF9TAzk3NDkwNTA1BGdycElkAzcxMDU4MzA4BGdycHNwSWQDMTY5MDA2MzEwOARzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxNTIxMzAwNjc5>

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> ------------------------------------
> Posted by: Alan <alanzfq@...>
> ------------------------------------
>
> All up-to-date FCD information at http://funcubedongle.pbworks.com
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

10316. FCD Pro not found by FCHid.exe with Win 7```

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-18 03:48:07 UTC
From: jim@...
Topic: 10316 Message: 10316

I'm trying again to get my FCDPro bought about 4 years ago to work with a Win 7 PC.
FCHid.exe is not finding it when started.
I downloaded FCHid from the FCD web site and unziped it.
When I pluged in the FCD the driver loaded. In device manager is shows as Funcube Dongle V20.0 under Sound, video...
In recording devices it shows as Line 4-Funcube Dongle 2.0 and Ready.
When I unplug and insert the dongle I get the right driver load/unload beeps.
When I run FCHid.exe I get the following error messages
HIDOpen of Vid_04d8&Pid_fb56 returns 0
Error, FCD not found: is FCD correctly installed?

I'd appreciate any info on what else I need to do to get this working.

Jim, WD0E

10317. Re: [FUNcube] FCD Pro not found by FCHid.exe with Win 7```

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-18 09:48:54 UTC
From: Alan
Topic: 10316 Message: 10317

> I'm trying again to get my FCDPro bought about 4 years ago to work
> with a Win 7 PC. FCHid.exe is not finding it when started.
>
> I downloaded FCHid from the FCD web site and unziped it.
>
> When I pluged in the FCD the driver loaded. In device manager is
> shows as Funcube Dongle V20.0 under Sound, video...
>
> In recording devices it shows as Line 4-Funcube Dongle 2.0 and Ready.
>
> When I unplug and insert the dongle I get the right driver load/unload
> beeps.
>
> When I run FCHid.exe I get the following error messages
>
> HIDOpen of Vid_04d8&Pid_fb56 returns 0
> Error, FCD not found: is FCD correctly installed?
>
Jim,

Is this a FCD Pro+ ? I guess it is "Funcube Dongle 2.0" but I'm not sure.

If it is you are doing the correct thing if you are using FCHid v2.002.

Mine says "HIDOpen of Vid_04d8&Pid_fb31 returns 1
Success, FCD found".

The Pid is different, not sure if that has any bearing on the problem.

It might be a USB failing:- It should appear twice in Device Manager but
does not always.

Various checks here
http://funcubedongle.pbworks.com/w/page/108607642/USB%20problems%20on%20newer%20computers
other info on other pages.

Alan G4ZFQ

>
> All up-to-date FCD information at http://funcubedongle.pbworks.com
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> Visit Your Group
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A1BGdycElkAzcxMDU4MzA4BGdycHNwSWQDMTY5MDA2MzEwOARzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzE1MjEzNjQ4
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> Yahoo! Groups
> <https://uk.groups.yahoo.com/neo;_ylc=X3oDMTJldXJmMDBnBF9TAzk3NDkwNTAzBGdycElkAzcxMDU4Mz
A4BGdycHNwSWQDMTY5MDA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTUyMTM2NDg5MA-->
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>

10318. Re: [FUNcube] FCD Pro not found by FCHid.exe with Win 7```

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-18 10:42:39 UTC
From: Alan
Topic: 10316 Message: 10318

> HIDOpen of Vid_04d8&Pid_fb56 returns 0
> Error, FCD not found: is FCD correctly installed?
>
Jim,

I now see this is the first version of FCHid looking for the original
FCD dongle. NOT the Pro+
Is this correct?

If yours is the older one the the principle is the same, it could still
suffer the same problems as the newer.

73 Alan G4ZFQ
> --
>
> All up-to-date FCD information at http://funcubedongle.pbworks.com

10319. Re: [FUNcube] FCD Pro not found by FCHid.exe with Win 7```

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-18 16:31:06 UTC
From: Jim White
Topic: 10316 Message: 10319

Alan,

Thanks for the help. Through the link you provided to tips I found and downloaded V2.002 and that found the FCD and I can set the freq. So it's working, now I'll see if I can get GNu Radio to work with it.

Cheers,

Jim

On 3/18/2018 4:42 AM, Alan alanzfq@... [FUNcube] wrote:
>
>
> > HIDOpen of Vid_04d8&Pid_fb56 returns 0
> > Error, FCD not found: is FCD correctly installed?
> >
> Jim,
>
> I now see this is the first version of FCHid looking for the original
> FCD dongle. NOT the Pro+
> Is this correct?
>
> If yours is the older one the the principle is the same, it could still
> suffer the same problems as the newer.
>
> 73 Alan G4ZFQ
> > --
> >
> > All up-to-date FCD information at http://funcubedongle.pbworks.com
>
>

10320. Re: [FUNcube] FCD Pro not found by FCHid.exe with Win 7```

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-18 16:45:46 UTC
From: Robin Gape (lists)
Topic: 10316 Message: 10320

Jim,

if you wish to use GNU Radio under Windows, then, according to
https://github.com/gnieboer/gnuradio_windows_build_scripts, the FCDPP
(Issue 6) is not supported. I can report that under Linux (Ubuntu to my
direct knowledge, plus many other distributions) both the FCD and FCDPP
are pretty fully supported.

Good luck with whatever the project is,

Robin, G8DQX

On 18/03/18 16:31, Jim White jim@... [FUNcube] wrote:
>
> Alan,
>
> Thanks for the help. Through the link you provided to tips I found
> and downloaded V2.002 and that found the FCD and I can set the freq.
> So it's working, now I'll see if I can get GNu Radio to work with it.
>
> Cheers,
>
> Jim
>

10321. Re: [FUNcube] FCD Pro not found by FCHid.exe with Win 7```

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-18 17:19:05 UTC
From: Jim White
Topic: 10316 Message: 10321

Thanks Robin. I have a dual boot box so may move it to. At the moment
I'm just learning about SDRs but the goal is to get an Ettis B200
working under both Win7 and Linux on a dual port PC.

Jim

On 3/18/2018 10:45 AM, 'Robin Gape (lists)' list@... [FUNcube] wrote:
>
> Jim,
>
> if you wish to use GNU Radio under Windows, then, according to
> https://github.com/gnieboer/gnuradio_windows_build_scripts, the FCDPP
> (Issue 6) is not supported. I can report that under Linux (Ubuntu to my
> direct knowledge, plus many other distributions) both the FCD and FCDPP
> are pretty fully supported.
>
> Good luck with whatever the project is,
>
> Robin, G8DQX
>
> On 18/03/18 16:31, Jim White jim@... [FUNcube] wrote:
> >
> > Alan,
> >
> > Thanks for the help. Through the link you provided to tips I found
> > and downloaded V2.002 and that found the FCD and I can set the freq.
> > So it's working, now I'll see if I can get GNu Radio to work with it.
> >
> > Cheers,
> >
> > Jim
> >
>
>

10322. Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-19 11:49:01 UTC
From: Jirka Mww
Topic: 10307 Message: 10322

I think that there was a need to update firmware first, becuse FuncubePro
was delivered at least at the beginnig with some non-compatible firmware.
But it is a long time, when I did it. Do not remeber details.

Zdravi
Jirka Sloupenský OK1MWW

2018-03-16 20:33 GMT+01:00 wemccourt@... [FUNcube] <
FUNcube@...>:

>
>
> Hi,
>
> Have had my dongle for quite a while just sitting in it's box. Have
> recently tried to get it to work without success. Have tried SDR#, HDSDR
> and SDR Console (current).
>
> Plugging in dongle gives appropriate windows indication for a new USB
> device, that the driver has been loaded and in Devices window it shows up
> as an audio device with the FCD Vers 2.0 identification. So as far as
> Windows 10, there's no issues.
>
> Can find the dongle in configuration drop down menus but cant get the
> thing to work. Don't know if it died and went to heaven during it's long
> hiatus or what. Did have it working well before I put it away.
>
> Is there a service that can check these out or does Howard still deal with
> them? Maybe some kind of diagnostic to see if the thing is functioning as a
> radio, as this is the part that seems to be in trouble?
>
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10323. Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-19 12:29:00 UTC
From: Alan Melia
Topic: 10307 Message: 10323

Probably NOT!! An FCD bought new about 4 years ago would have been a 'plus' they do NOT need upgrading. In fact generally SHOULD NOT have the firmware upgraded. It is only the ver 1 (original VHF/UHF only) one that 'may' need changes. Even an original ver 1 would probably have the latest ver 18j by then. Please read the wiki link at the end of the message.

Alan
G3NYK

----- Original Message -----
From: Jirka Mww jirka.mww@... [FUNcube]
To: FUNcube@...
Sent: Monday, March 19, 2018 11:49 AM
Subject: Re: [FUNcube] Fun Cube Dongle Pro+ Not working

I think that there was a need to update firmware first, becuse FuncubePro was delivered at least at the beginnig with some non-compatible firmware.

But it is a long time, when I did it. Do not remeber details.

Zdravi
Jirka Sloupenský OK1MWW

2018-03-16 20:33 GMT+01:00 wemccourt@...m [FUNcube] <FUNcube@...>:

Hi,

Have had my dongle for quite a while just sitting in it's box. Have recently tried to get it to work without success. Have tried SDR#, HDSDR and SDR Console (current)..

Plugging in dongle gives appropriate windows indication for a new USB device, that the driver has been loaded and in Devices window it shows up as an audio device with the FCD Vers 2.0 identification. So as far as Windows 10, there's no issues.

Can find the dongle in configuration drop down menus but cant get the thing to work. Don't know if it died and went to heaven during it's long hiatus or what. Did have it working well before I put it away..

Is there a service that can check these out or does Howard still deal with them? Maybe some kind of diagnostic to see if the thing is functioning as a radio, as this is the part that seems to be in trouble?

10324. Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-19 15:22:56 UTC
From: Jim White
Topic: 10307 Message: 10324

How can I determine the firmware rev?

On 3/19/2018 6:29 AM, 'Alan Melia' Alan.Melia@... [FUNcube]
wrote:
>
> □
>
> Probably NOT!! An FCD bought new about 4 years ago would have been a
> 'plus' they do NOT need upgrading. In fact generally SHOULD NOT have
> the firmware upgraded. It is only the ver 1 (original VHF/UHF only)
> one that 'may' need changes. Even an original ver 1 would probably
> have the latest ver 18j by then. Please read the wiki link at the end
> of the message.
> Alan
> G3NYK
>
> ----- Original Message -----
> *From:* Jirka Mww jirka.mww@... [FUNcube]
> <mailto:jirka.mww@...%20[FUNcube]>
> *To:* FUNcube@... <mailto:FUNcube@...>
> *Sent:* Monday, March 19, 2018 11:49 AM
> *Subject:* Re: [FUNcube] Fun Cube Dongle Pro+ Not working
>
> I think that there was a need to update firmware first, becuse
> FuncubePro was delivered at least at the beginnig with some
> non-compatible firmware.
> But it is a long time, when I did it. Do not remeber details.
>
> Zdravi
> Jirka Sloupenský OK1MWW
>
> 2018-03-16 20:33 GMT+01:00 wemccourt@...
> <mailto:wemccourt@...> [FUNcube] <FUNcube@...
> <mailto:FUNcube@...>>:
>
>
>
> Hi,
>
>
> Have had my dongle for quite a while just sitting in it's box.
> Have recently tried to get it to work without success. Have
> tried SDR#, HDSDR and SDR Console (current)..
>

> Plugging in dongle gives appropriate windows indication for a
> new USB device, that the driver has been loaded and in Devices
> window it shows up as an audio device with the FCD Vers 2.0
> identification. So as far as Windows 10, there's no issues.
>
> Can find the dongle in configuration drop down menus but cant
> get the thing to work. Don't know if it died and went to
> heaven during it's long hiatus or what. Did have it working
> well before I put it away..
>
> Is there a service that can check these out or does Howard
> still deal with them? Maybe some kind of diagnostic to see if
> the thing is functioning as a radio, as this is the part that
> seems to be in trouble?
>
>
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>

10325. Re: [FUNcube] Fun Cube Dongle Pro+ Not working

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-19 16:11:02 UTC
From: David J Taylor
Topic: 10307 Message: 10325

From: Jim White jim@... [FUNcube]

How can I determine the firmware rev?
=====================

The page below suggests using the boot loader, but:
BE SURE TO USE THE RIGHT SOFTWARE VERSION!

http://www.funcubedongle.com/MyImages/FCDFirmwareUpdateGuide.pdf

No responsibility accepted for errors! That's very old information.

73,
David
--
SatSignal Software - Quality software written to your requirements
Web: http://www.satsignal.eu
Email: david-taylor@...
Twitter: @gm8arv

10326. FUNcube-1 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-22 19:32:36 UTC
From: Graham Shirville
Topic: 9696 Message: 10326

Hi all,

Just to advise that FUNcube-1 is now in amateur mode, with the transponder on, until Monday 26th morning UTC.

best 73

Graham

G3VZV

10327. AO73/FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-26 08:07:40 UTC
From: Graham Shirville
Topic: 10268 Message: 10327

Hi All,

AO73 is now seeing short eclipse periods of around 15 minutes every orbit. The spacecraft is now operating in autonomous mode. ie: full power tlm when in the sun and with the transponder on when in eclipse.

The transponder will be switched to continuous operation on Thursday morning.

Have fun

73

Graham

G3VZV

10328. Update on FUNcube satellites in latest edition of OSCAR News

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-26 12:16:20 UTC
From: M5AKA
Topic: 10328 Message: 10328

The Spring issue of OSCAR News, covering Amateur Radio Space Communications, is now available for members to download
https://amsat-uk.org/2018/03/26/spring-issue-of-oscar-news-now-available/

Trevor M5AKA

AMSAT-UK AMSAT-UK
Twitter AMSAT-UK (@AmsatUK) | Twitter
Facebook AMSAT-UK
YouTube AMSAT-UK

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AMSAT-UK

The Amateur Satellite organisation for the United Kingdom
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AMSAT-UK

AMSAT-UK. 3.4k likes. AMSAT-UK was founded in 1975 to provide support for Amateur Radio satellite operations. Yo...
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AMSAT-UK

Radio Amateur Satellites
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AMSAT-UK (@AmsatUK) | Twitter

The latest Tweets from AMSAT-UK (@AmsatUK). AMSAT-UK represents the amateur satellite community in the UK. Membe...
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10329. AMSAT-UK Colloquium 2018 Call for Speakers

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-26 16:25:55 UTC
From: dave@...
Topic: 10329 Message: 10329

This is a call for speakers for the AMSAT-UK International Space Colloquium 2018 which, will be held this year on 13-14 October, in conjunction with the RSGB Convention at Kents Hill Park Conference Centre, Milton Keynes, MK7 6BZ, United Kingdom .

AMSAT-UK invites speakers, to cover topics about Amateur satellites, CubeSats, Nanosats, space and associated activities, for this event.

They are also invited to submit papers for subsequent publishing on the AMSAT-UK web site or in Oscar News.

We appreciate that it is not always possible to give a firm indication of attendance at this stage but expressions of interest would be appreciated.

Submissions should be sent via e-mail to: dave@g4dpz.me.uk mailto:dave@g4dpz.me.uk

AMSAT-UK also invite anyone with requests for Program Topics to submit them as soon as possible to G4DPZ. Invitations for any papers on specific subjects will be included in the future call. Likewise if anyone knows of a good speaker, please send contact and other information to G4DPZ.

73

Dave, G4DPZ
On behalf of the AMSAT-UK Committee

10330. AO73/FUNcube-1 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-29 09:01:41 UTC
From: Graham Shirville
Topic: 10330 Message: 10330

Hi all,AO73 is now in continuous amateur mode for the holiday weekend. Probably changing back to autonomous mode on Tuesday.73GrahamG3VZV

10331. Re: [FUNcube] FUNCUBE with Linux...

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-03-29 22:04:25 UTC
From: Robin Gape (lists)
Topic: 10275 Message: 10331

Jo,

/This message got stuck in a mail server. If you're still having problems, here goes:/

you're using Ubuntu, welcome to a user-friendly Linux, more-or-less! If you haven't already, try this process:

1) With no GQRX running, open the System *Sound* applet. That allows one to set the default audio output device. There is a *Test Sound* button. That brings up a panel which shows Front Left and Front Right. If the system volume is correctly set, then you will hear a short announcement from either button. [If you are using active speakers, then the volume may need to be set on these as well.]

/Until this is successful, there is no chance of any sound!/

2) Now close the Sound panel, and start GQRX. On the GQRX menu, under *File*→*Devices* under *Audio output* select *Default*. Start the receiver *File*→*Start DSP*. Tune to a local FM broadcast station (or similar continuously modulated station) and observe the spectrum display flickering.

You may need to adjust, on the *Input Controls* tab, the 3 RF gain controls. Keep the *BB Gain* to a low value or there will be overload in the FCDPP. 16dB is a good starting point.

/Until the audio spectrum is seen to be active, there is no audio to be heard./

3) Set the Audio Gain to about +20dB if receiving a broadcast FM station. You should now be hearing the FM station. If you have a local AM station, then set an offset of 12kHz, or the audio will sound *horrible*. For AM (or USB or LSB) set the Audio Gain to around 0dB.

All being well, you will now hear the test station.

Good luck, Bonne Chance, 73,

Robin, G8DQX

On 11/03/18 16:11, f5nfb f5nfb@... [FUNcube] wrote:
>
> Hi patrol.
> I decided to drop windows. I installed UBUNTU and little by little I
> resume all my radio software.
> So I installed GQRX with my funcube dongle pro.
> The problem is that the software works fine except that ... I have no

> sound.
> Does anyone use this software and can it help me?
> 73 to all and good weekend.
> Jo.
>
>
> ---
> Posted by: f5nfb <f5nfb@...>

10332. AO73/FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-04-06 09:17:15 UTC
From: Graham Shirville
Topic: 10332 Message: 10332

Hi All,

AO73 is now in amateur mode, with the transponder on continuously, for the weekend.

73

Graham

G3VZV

10333. Re: [FUNcube] AO73/FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-04-06 10:56:33 UTC
From: Brian
Topic: 10332 Message: 10333

Hi Graham,

Poor Funcube must be feeling very dizzy by now with that spin rate!! Am finding it almost in sync with the frame rate x 4 meaning about 3 rpm?? So I get good copy of alternate frames a lot of the time!

Not sure if your mode change stuck this time - the last orbit I just tracked looked like it was still in normal daylight mode. I noted a significant drop in signal strength about 2 minutes before LOS and didn't copy any more packets after that - perhaps that was the mode change?

Cheers,

Brian G4BIP

On 06/04/2018 10:17, Graham Shirville g.shirville@btinternet.com<mailto:g.shirville@btinternet.com> [FUNcube] wrote:

Hi All,

AO73 is now in amateur mode, with the transponder on continuously, for the weekend.

73

Graham

G3VZV

10334. Re: [amsat-bb] AO73/FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-04-06 16:15:17 UTC
From: Graham Shirville
Topic: 10334 Message: 10334

Hi Jean Marc,

Many thanks for your kind report and also for the valuable telemetry as always. Especially appreciated from small islands!

73

Graham

On 06/04/2018 16:55, Jean Marc Momple wrote:
> Graham,
>
> Confirm it is and working fine, just heard myself very well through the bird in the middle of Indian Ocean.
>
> Also the telemetry was captured fine and uploaded.
>
> Thanks for keeping us informed of the schedule.
>
> 73
>
>
> Jean Marc (3B8DU)
>
>
>
>> On Apr 6, 2018, at 1:17 PM, Graham Shirville via AMSAT-BB <amsat-bb@...> wrote:
>>
>> Hi All,
>>
>> AO73 is now in amateur mode, with the transponder on continuously, for the weekend.
>>
>> 73
>>
>> Graham
>>
>> G3VZV
>>
>> _____
>> Sent via AMSAT-BB@.... AMSAT-NA makes this open forum available
>> to all interested persons worldwide without requiring membership. Opinions expressed
>> are solely those of the author, and do not reflect the official views of AMSAT-NA.
>> Not an AMSAT-NA member? Join now to support the amateur satellite program!
>> Subscription settings: http://www.amsat.org/mailman/listinfo/amsat-bb

10335. AO73/FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-04-13 18:16:42 UTC
From: Jim Heck
Topic: 10268 Message: 10335

Hi All,

The transponder has just been switched to continuous transponder operation.
Will revert to continuous auto switching mode on Sun pm or Mon am UTC.
morning.

Have fun

73

Jim G3WGM

10336. Re: AO73/FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-04-15 18:28:10 UTC
From: Jim Heck
Topic: 10268 Message: 10336

Hi Folks,

Further to my message below, we have reviewed our intentions for next week. We have had a couple of requests for the transponder to be active for World Amateur Radio Day on Wed 18 April, and so will be leaving the transponder active full time throughout next week. So next switch to autonomous mode will be next weekend (Sun GMT)

73s
Jim G3WGM
and the FUNcube team.

-----Original Message-----
From: Jim Heck
Sent: Friday, April 13, 2018 7:16 PM
To: AMSAT ; funcube@...
Subject: AO73/FUNcube-1 Operations

Hi All,

The transponder has just been switched to continuous transponder operation. Will revert to continuous auto switching mode on Sun pm or Mon am UTC. morning.

Have fun

73

Jim G3WGM

10337. AO73/FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-04-22 18:10:41 UTC
From: Jim Heck
Topic: 10268 Message: 10337

Hi All,

FUNCube/AO-73 is now in auto mode, switching between full power beacon (in sunlight) and low power beacon with transponder on (in darkness).

Have FUN

73s
Jim G3WGM and the FUNCube team

10338. FUNCUBE dongle Pro+ for sale in ebay.de

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-04-15 10:04:53 UTC
From: petervee@...
Topic: 10338 Message: 10338

In case anyone is interested, I have one of two FCD+ for sale.
https://www.ebay.de/itm/UNCUBE-Pro-receiver-anfaenger/282923406707?hash=item41df8c9573:g:q3cAAOSw6rda0Hly https://www.ebay.de/itm/UNCUBE-Pro-receiver-anfaenger/282923406707?hash=item41df8c9573:g:q3cAAOSw6rda0Hly

Ebay will not let me correct the name to FUNCUBE after there is a bid!
Shipping Europe wide.

Peter

10339. FUNcube-1 operations update

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-04-27 17:48:11 UTC
From: Graham Shirville
Topic: 10339 Message: 10339

Hi All,

FUNcube-1 is now in continuous amateur mode for the weekend - until Monday morning UTC

73

Graham

G3VZV

10340. AO73/FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-04-30 07:44:20 UTC
From: Jim Heck
Topic: 10268 Message: 10340

Hi All,

The spacecraft is now operating in autonomous mode. ie: full
power tlm when in the sun and with the transponder on when in eclipse.

The transponder will be switched to continuous operation on Friday as usual.

Have fun

73

Jim G3WGM and the FUNCube team

10341. UK Unicorn-2a PocketQube + HuskySat-1 transponder frequencies

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-02 16:15:59 UTC
From: M5AKA
Topic: 10341 Message: 10341

UK Unicorn-2a PocketQube Satellite
https://amsat-uk.org/2018/05/01/unicorn-2a-pocketqube-satellite/

Amateur radio regulatory changes in Eire
https://amsat-uk.org/2018/05/01/amateur-radio-regulatory-changes-in-eire/

HuskySat-1 Linear Transponder frequencies have been coordinated by IARU.
As well as the V/U transponder for SSB/CW the satellite also has a downlink on 24 GHz
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=604

King’s High School ARISS contact on BBC TV
https://amsat-uk.org/2018/04/19/kings-high-school-ariss-contact-bbc/

Emily Calandrelli's new book aimed at young people - Ada Lace, Take Me to Your Leader - features amateur radio and space communication. Sean Kutzko KX9X was an advisor for the book
http://www.southgatearc.org/news/2018/may/ada-lace-book-features-ham-radio.htm

AMSAT-EA May issue of English language newsletter now available
https://www.amsat-ea.org/app/download/10352773/AMSAT-EA-Newsletter_05-2018.pdf

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10342. FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-08 07:14:40 UTC
From: Graham Shirville
Topic: 9799 Message: 10342

Hi All,

FUNcube-1 is now operating in autonomous mode until Friday evening (UTC).

The transponder will be on in eclipse and switch to high power telemetry
only when in sunlight.

73

Graham

G3VZV

10343. FCD Pro + New on Windows 10 only partial install

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-12 16:30:51 UTC
From: ke7hr@...
Topic: 10343 Message: 10343

My new FCD Pro + V2.0 installed just fine on my Windows 7 laptop, but is having issues with the automatic install on my Windows 10 64 bit desktop (32GB RAM, Intel I7 3.6 GHz, all updates installed)..

The device manager shows the sound card device but has a warning in the events tab of Device not Migrated:
Device USB\... was not migrated due to partial or ambiguous match.
and an information listing just after the warning:
Device USB\... requires further installation.

[long numeric ID string deleted for clarity - replaced with ...]

The HID listing in device manager also has an entry, but does not specifically show the FCD, just a generic (but it was installed at the same moment as the sound card device).
The HID listing in device manager events tab also show Device not Migrated:
Device USB\... was not migrated due to partial or ambiguous match.

I have tried in-installing the FCD and then re-installing. Same result. I have tried putting it into all of the other USB ports - same result. I have put a USB port extender hub on the computer and installed through that - same result.

Trying to "update" the installed driver reports that it is the latest.

Is there a driver that can be pointed to which will not have the:
" partial or ambiguous match. " issue for Windows 10?

Oh, by the way, my first generation FCD (V1.1) works on the same machine...

Paul KE7HR

10344. FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-18 17:55:21 UTC
From: Jim Heck
Topic: 9799 Message: 10344

Hi All,

FUNcube-1 is now operating in forced eclipse mode, ie with transponder on
full time until Sunday evening (UTC).

Have fun!

73

Jim G3WGM and the FUNcube team.

10345. Re:: FCD Pro + New on Windows 10 only partial install

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-19 15:39:21 UTC
From: ke7hr@...
Topic: 10343 Message: 10345

Has no one else run into this issue or is there just no solving it?

Paul KE7HR

10346. Re: [FUNcube] Re:: FCD Pro + New on Windows 10 only partial install

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-19 15:57:53 UTC
From: Alan
Topic: 10343 Message: 10346

>
>
> Has no one else run into this issue or is there just no solving it?
>
Paul,

Heve you done any research?
I Googled "Device not Migrated:
Device USB\... was not migrated due to partial or ambiguous match." and
it seems it may be due to a Windows update, maybe not installing the
correct driver?? Is there a "Rollback" option? Many references but I do
not have the incentive to look tooo far and without the problem I can't
help anyway.

I have not seen your problem mentioned here so, unless anyone has then
you are on your own.

73 Alan G4ZFQ

10347. RE: [FUNcube] Re:: FCD Pro + New on Windows 10 only partial install

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-19 19:24:31 UTC
From: John Nelson N3JN
Topic: 10343 Message: 10347

Paul,

You may want to also check in the “fcdproplus” Yahoo group.

John N3JN

From: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
Sent: Saturday, May 19, 2018 11:39 AM
To: FUNcube@yahoogroups.co.uk
Subject: [FUNcube] Re:: FCD Pro + New on Windows 10 only partial install

Has no one else run into this issue or is there just no solving it?

Paul KE7HR

10348. Re:: FCD Pro + New on Windows 10 only partial install

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-20 06:15:24 UTC
From: ke7hr@...
Topic: 10343 Message: 10348

Indeed, I have done a lot of research in the last two weeks before coming to the group with the question about a stable updated driver for Windows 10.

There is no Rollback option since it is a new install and the first instance is the only one.

Paul KE7HR

10349. Re: : FCD Pro + New on Windows 10 only partial install

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-20 08:23:38 UTC
From: Ron Rubin
Topic: 10343 Message: 10349
Attachments: 1 described; binary payloads are missing from this source WARC

My FunCube Pro+ stopped functioning with the latest update to Windows 10 (1803). What I discovered is that the operating system now has Privacy settings for sound devices.

If the FunCube Pro+ shows up in Device Manager, then go into Windows main settings and make the proper changes. This is what I read in a similar post that helped resolve my problem:

I have seen the comment that a new setting in "privacy" blocks all access to external devices, like sound cards unless it is specifically authorised.

10350. FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-20 18:43:05 UTC
From: Jim Heck
Topic: 9799 Message: 10350

Hi All,

FUNcube-1 is now operating in autonomous mode until Friday evening (UTC).

The transponder will be on in eclipse and switch to high power telemetry
only when in sunlight.

73

Jim, G3WGM and the FUNcube team

10351. Re:: FCD Pro + New on Windows 10 only partial install

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-24 16:37:34 UTC
From: ke7hr@...
Topic: 10343 Message: 10351

The fix that I found was a powered USB hub. It did not change the issue of the "non-migration" but it does allow the data to flow to SDR# and to MAP65.

It was the third external USB hub that I tried.

Paul KE7HR

10352. Re: [FUNcube] Re:: FCD Pro + New on Windows 10 only partial install

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-24 18:15:31 UTC
From: Alan
Topic: 10343 Message: 10352

> It was the third external USB hub that I tried.
Paul,

Full marks for perseverance.
The hub required is known as "Multi TT" (I think) in USA, "Fully compatible" over here. Of course the problem is to find a seller who knows what he is selling.
http://funcubedongle.pbworks.com/w/page/108607642/USB%20problems%20on%20newer%20computers

73 Alan G4ZFQ

10353. RE: [FUNcube] Re:: FCD Pro + New on Windows 10 only partial install

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-24 18:42:16 UTC
From: Serge Szpilfogel
Topic: 10343 Message: 10353

Hello Alan my FCDPP works fine on VHF. The problem I believe I need an HF antenna. Right now I am using my 4X17 ok for 144mhz 7 was hoping to hear something on the HF but nada here.
Alan thank you for responding
Serge VE1KG

-----Original Message-----
From: FUNcube@... [mailto:FUNcube@yahoogroups.co.uk]
Sent: May 24, 2018 18:16
To: FUNcube@...
Subject: Re: [FUNcube] Re:: FCD Pro + New on Windows 10 only partial install

> It was the third external USB hub that I tried.
Paul,

Full marks for perseverance.
The hub required is known as "Multi TT" (I think) in USA, "Fully compatible" over here. Of course the problem is to find a seller who knows what he is selling.
http://funcubedongle.pbworks.com/w/page/108607642/USB%20problems%20on%20newer%20computers

73 Alan G4ZFQ

10354. AO73 operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-25 11:39:09 UTC
From: Graham Shirville
Topic: 10354 Message: 10354

Hi All,

Just to confirm that AO73/FUNcube-1 is now in continuous amateur transponder mode for the weekend.

As we have another long weekend, you can expect the autonomous mode, with high power telemetry only in sunlight, to recommence either late Monday or first thing Tuesday (UTC)

best 73

Graham

G3VZV

10355. AO73

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-29 07:10:34 UTC
From: Graham Shirville
Topic: 10355 Message: 10355

Hi All,

AO73/FUNcube-1 is now in autonomous doe for the rest of the week. The transponder is on when the spacecraft is in eclipse.

73

Graham

G3VZV

10356. Satellites in TX Factor Show + Bulgaria CubeSat

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-05-30 19:34:25 UTC
From: M5AKA
Topic: 10356 Message: 10356

Amateur radio satellites in TX Factor Show episode 21
https://amsat-uk.org/2018/05/30/satellites-tx-factor-21/

Bulgarian CubeSat EnduroSat on ISS awaiting deployment
https://amsat-uk.org/2018/05/30/bulgaria-endurosat/

IARU R1 highlights threat to higher ham radio bands
https://amsat-uk.org/2018/05/28/iaru-r1-highlights-threat-to-higher-ham-radio-bands/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10357. AO73/FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-06-01 17:22:05 UTC
From: Jim Heck
Topic: 10268 Message: 10357

Hi All,

The transponder has just been switched to continuous transponder operation.
Will revert to continuous auto switching mode on Sun pm or Mon am UTC.
morning.

Have fun

73

Jim G3WGM and the FUNCube team

10358. AO73/FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-06-04 12:17:10 UTC
From: Jim Heck
Topic: 10268 Message: 10358

Hi All,

The spacecraft is now operating in autonomous mode. ie: full
power tlm when in the sun and with the transponder on when in eclipse.

We couldn't switch on Sunday evening as planned due to operator
availability.

It is planned to switch the transponder to continuous operation on Friday
as usual.

Have fun

73

Jim G3WGM and the FUNCube team

10359. Re:: RE: [FUNcube] Re:: FCD Pro + New on Windows 10 only partial install

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-06-05 13:50:35 UTC
From: duncan.hislop@...
Topic: 10343 Message: 10359

I have finally sorted out my FCD Partial Install problem, it had something to do with a Microsoft Security update but was making no progress. During with travels through Windows 10, I noticed the option to reload Windows.

So I took the plunge and everything is back to normal, sound cards now appear in SDR# and the FCD is no longer a USB device. The Registry has shrunk by 100Mb and there are now only 20 lines referring to the FCD instead of 130.

Luckily, I keep most of my programs on a seperate drive but remember to have all your installation serial numbers to hand in case and to set up a System Restore Point so you can always get back to a working system.

10360. Your articles needed for Oscar News + Ofcom WRC-19 consultation

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-06-07 12:36:57 UTC
From: M5AKA
Topic: 10360 Message: 10360

Oscar News magazine – Your input will be very welcome
https://amsat-uk.org/2018/06/07/oscar-news-your-input-needed/

Ofcom has published a consultation on the UK's preparations for the World Radiocommunication Conference 2019 (WRC-19) of the International Telecommunication Union
https://amsat-uk.org/2018/06/07/ofcom-consultation-world-radiocommunication-conference-2019/

Russian SiriusSat CubeSats to be deployed during spacewalk
https://amsat-uk.org/2018/06/01/russian-siriussat-cubesats-to-be-deployed-during-spacewalk/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10361. AO73 - FUNcube-1 mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-06-08 16:19:20 UTC
From: Graham Shirville
Topic: 10361 Message: 10361

Hi All,

As usual, for the weekend, AO73 is now in continuous amateur mode with the transponder on.

Have FUN with the bird

73

Graham

G3VZV

10362. New release of MULTIPSK (4.35) (M10 radiosonde)

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-06-13 16:41:20 UTC
From: Patrick Lindecker
Topic: 10362 Message: 10362

New release of MULTIPSK (4.35)

Pour les francophones: la version en français de ce message se trouve sur mon site (http://f6cte.free.fr). Il suffit de cliquer sur le lien "Principales modifications (courriel avertissant de la sortie de la nouvelle version)".

Hello to all Ham and SWL,

The new release of MultiPSK (4.35) is on my Web site (http://f6cte.free.fr).

The mirror site is Earl's, N8KBR:
https://www.paazig.net/f6cte/MULTIPSK_setup.exe

The MD5 signature of the downloaded MULTIPSK_setup.exe file to, possibly, check (with WinMD5 for example), that the downloading works without error, is equal to: e2737b1791476f9f5c9490edba6c1b86

Multipsk associated to Clock are freeware programs but with functions submitted to a licence (by user key).

The main improvements of MULTIPSK 4.35 are the following:

M10 radiosondes decoding

The M10 radiosonde is in service since 2010 (and present in 60 countries). It equips the weather balloons used in meteorology. It is a small box equiped with sensors, a GPS receiver (for its position) and a transmitter for data transmission, this one being done according to a mode poorly documented.

It is possible to monitor these radiosondes up to a range of 600 km, according to the reception equipment, whereas the weather balloons can travel up to 300 km, in general. It has to be noted that the balloons launches are done at fixed time. One or two launches are done each day.

For Hams and SWL, the M10 signal can be received:

· either from the discriminator output of a classical
UHF FM receiver via a direct connection to the PC sound card. However, the receiver must have a large reception bandwidth due to the high modulation speed,

· or with a SdR receiver (FunCube Dongle, RTL SDR,...)
and directly demodulated by Multipsk. It is the most simple solution.

Note 1: Multipsk decodes the radiosonde position but not the telemetry (temperature, pressure etc).

Note 2: if you are not too far from Paris, you can test the decoding on the M10 radiosonde sent by the Trappes station, on 401 MHz between 11h30 and 12h30 UTC.

This mode is available for licencied copies, only (otherwise, the decoding is stopped after 5 minutes).

See general specifications further on.

Other improvements:

· In SELCAL, possibility to use the data file ("SELCAL_DICTIONARY.txt").

· Protocol SDR TCP/IP interface V. 1 preliminary
The goal of this preliminary protocol is to test the possibility to interface SdR transceivers (RX/TX), the "official" version remaining the 0.1 one (for RX only).
For developers, the different files necessary are available at the following WEB address:
http://f6cte.free.fr/SDR_TCP_IP_INTERFACE_Version_1_preliminary.ZIP

Note about TLE files: if you use the "Satellites" option, don't forget to download

(with the "Downloading" button) the 5 recent TLE files (amateur.txt, argos.txt, orbcomm.txt, stations.txt, weather.txt).

Note about translation of Multipsk.exe and Clock .exe: the 4.34.1 version of Multipsk has been completely translated to Spanish by Joachin (EA4ZB), from French. The translation file is on my Web site (http://f6cte.free.fr/Translation_files.htm).

73

Patrick

Description of the M10 mode

Baud rate: 9600 symbols/second.

Modulation : PSK. Each symbol is a bit of a double-bit. A double-bit expresses a "1" if both bits are out of phase and a "0" if they are of the same polarity. It is a code close to the differential Manchester one or the Miller one.

Reception mode: FM

Bandwidth : about 8 KHz (in base band)

Demodulation : not coherent

Synchronization for bits: automatic using the signal and for double-bits: by testing both possibilities.

Detection code: yes on 16 bits (Synchronization+Header).

Interleaving : no

Each M10 frame contains different blocks:

· a block of 8 double-bits "Synchronization" followed by
a block of 8 double-bits "Header" always the same 0000000011111000),

· a block of 24 double-bits "Sonde-Header" which varies
(unknown reason),

· an information block containing time, date,
position....,

· a checksum.

73

Patrick

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
https://www.avast.com/antivirus

10363. AO73 Mode change

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-06-24 22:06:32 UTC
From: Graham Shirville
Topic: 10165 Message: 10363

Hi All,

Just to confirm that AO73/FUNcube-1 is now back in autonomous mode with high power tlm when in sunlight and with the transponder and low power tlm when in eclipse.

You can expect this to be changed again on Friday evening (UTC time)

best 73

Graham G3VZV

10364. AO73 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-06-29 16:23:04 UTC
From: Graham Shirville
Topic: 10364 Message: 10364

Hi All,

Just to let you know that AO73/FUNcube-1 is now in continuous amateur mode for the weekend with the transponder on with low power telemetry.

Have fun!

73

Graham

G3VZV

10365. Summer OSCAR News available + ISS SSTV

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-07-06 11:25:41 UTC
From: M5AKA
Topic: 10365 Message: 10365

Summer issue of OSCAR News now available for AMSAT-UK members to download
https://amsat-uk.org/2018/07/05/summer-issue-of-oscar-news-now-available-2/
As of Friday, July 6 Slow Scan TV is still being transmitted from the International Space Station on 145.800 MHz FM.The transmissions were originally planned just for Jun 29-July 1
https://amsat-uk.org/2018/06/27/receive-sstv-from-space/

Trevor M5AKA

AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10366. Goonhilly Balloon Launch + CubeSats deploy from ISS

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-07-08 11:56:55 UTC
From: M5AKA
Topic: 10366 Message: 10366

434 MHz high altitude balloon launch from Goonhilly, Cornwall on Tuesday, July 10. Signal should be receivable across most of British Isles. Listen worldwide using the SUWS WebSDR
https://amsat-uk.org/2018/07/08/434-mhz-balloon-launch-from-goonhilly/

CubeSats to deploy from ISS July 13
https://amsat-uk.org/2018/07/07/cubesats-to-deploy-from-iss-july-13/

SSTV transmissions from Space Station on 145.800 MHz FM are continuing
https://amsat-uk.org/2018/06/27/receive-sstv-from-space/

The Summer issue of OSCAR News is now available for AMSAT-UK members to download
https://amsat-uk.org/2018/07/05/summer-issue-of-oscar-news-now-available-2/

Book now for AMSAT-UK International Space Colloquium at Milton Keynes Oct 13-14
https://amsat-uk.org/colloquium/

Trevor M5AKA----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10367. Re: AO73/FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-07-13 19:22:24 UTC
From: Jim Heck
Topic: 10268 Message: 10367

Hi All,

The spacecraft is now operating in continuous transponder mode. Plan is to switch to Educational mode on Sunday PM UTC as usual.

Have fun

73

Jim G3WGM and the FUNCube team

10368. AO73 operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-07-20 18:12:24 UTC
From: Graham Shirville
Topic: 10354 Message: 10368

Hi Everyone,

Just to confirm that AO73/FUNcube-1 is now in continuous amateur mode
with the transponder active for the weekend.

73
Graham
G3VZV

10369. New release of MULTIPSK (4.35) (RS41 radiosonde)

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-07-26 20:35:41 UTC
From: Patrick Lindecker
Topic: 10369 Message: 10369

New release of MULTIPSK (4.36)

Pour les francophones: la version en français de ce message se trouve sur mon site (http://f6cte.free.fr). Il suffit de cliquer sur le lien "Principales modifications (courriel avertissant de la sortie de la nouvelle version)".

Hello to all Ham and SWL,

The new release of MultiPSK (4.36) is on my Web site (http://f6cte.free.fr).

The mirror site is Earl's, N8KBR:
https://www.paazig.net/f6cte/MULTIPSK_setup.exe

The MD5 signature of the downloaded MULTIPSK_setup.exe file to, possibly, check (with WinMD5 for example), that the downloading works without error, is equal to: 8b9669cf7cfda8abb14b53490dc309ee

Multipsk associated to Clock are freeware programs but with functions submitted to a licence (by user key).

The main improvements of MULTIPSK 4.36 are the following:

RS41 radiosondes decoding

The RS41 radiosonde is in service since 2014. It equips the weather balloons used in meteorology. It is a small box of 109 g, equiped with sensors, a GPS receiver (for its position) and a transmitter for data transmission, this one being done according to a mode poorly documented. It is possible to monitor these radiosondes up to a range of 600 km, according to the reception equipment, whereas the weather balloons can travel up to 300 km, in general. It has to be noted that the balloons launches are generally done at fixed time. One or two launches are done each day.

For Hams and SWL, the RS41 signal can be received:

· either from the discriminator output of a classical
UHF FM receiver via a direct connection to the PC sound card. However, the receiver must have a large reception bandwidth due to the high modulation speed,

· or with a SdR receiver (FunCube Dongle, RTL SDR,...)
and directly demodulated by Multipsk. It is the most simple solution.

Note: Multipsk decodes the radiosonde position but not the telemetry (temperature, pressure etc).

This mode is available for licencied copies, only (otherwise, the decoding is stopped after 5 minutes).

See general specifications further on.

Other improvements:

· In ALE400, possibility to fix the frequency.

For more details about the basic operations in ARQ FAE, download: http://f6cte.free.fr/ARQ_FAE_in_141A_and_ALE400_easy_with_Multipsk.pdf

Note about translation of Multipsk.exe and Clock .exe: the 4.35 version of Multipsk has been translated to Spanish by Joachin (EA4ZB), from French.

See: http://f6cte.free.fr/Translation_files.htm.

73

Patrick

Description of the RS41 mode

Baud rate: 4800 symbols/second.

Modulation : GFSK ("Gaussian Frequency Shift Frequency")

Reception mode: FM

Bandwidth : about 5 KHz

Demodulation : not coherent

Synchronization for bits: automatic using the signal

Detection code: yes on a header of 64 bits

Interleaving : no

Scrambling: yes

Each RS41 frame of 320 or 518 bytes is composed of two sub-frames Reed Solomon at the format 255-231, with the power of the first root (b) at 0. So it can be fixed 24 bytes as a maximum.

The data part contains different blocks:

· a block frame number + sonde identifier, protected by a a checksum,

· a block date and time, protected by a a checksum,

· a block containing the position and the speed of the sonde, protected by a a checksum,

· other blocks relative to telemetry (not decoded by Multipsk).

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
https://www.avast.com/antivirus

10370. AO73/FUNcube-1 Operations

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-07-27 16:57:43 UTC
From: Jim Heck
Topic: 10268 Message: 10370

Hi All,

The spacecraft is now operating in continuous transponder mode. Plan is to switch to Educational mode on Sunday PM UTC as usual.

Have fun

73

Jim G3WGM and the FUNCube team

10371. ISS SSTV activation July 30-31

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-07-29 21:06:16 UTC
From: M5AKA
Topic: 10371 Message: 10371

ISS SSTV activation July 30-31
https://amsat-uk.org/2018/07/24/iss-sstv-activation-july-30-31/

Students learn about Amateur Satellites at College Workshops
https://amsat-uk.org/2018/07/25/amateur-satellites-at-college-workshops/

New amateur radio Science Citizen Investigation association
http://www.southgatearc.org/news/2018/july/new-ham-radio-science-citizen-investigation-association.htm

Roland PY4ZBZ decodes JT4G signal from DSLWP in lunar orbit
http://www.qsl.net/py4zbz/dslwp.htm#g

Trevor M5AKA----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10372. Es’hail-2 launch 4th QTR

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-08-03 21:25:14 UTC
From: M5AKA
Topic: 10372 Message: 10372

Launch announced for Es’hail-2 carrying ham radio transponders
https://amsat-uk.org/2018/08/03/launch-announced-for-eshail-2-carrying-ham-radio-transponders/

BIRDS-2 CubeSats to deploy from ISS August 10
https://amsat-uk.org/2018/08/03/birds-2-cubesats-iss-august-10/

Trevor M5AKA----
AMSAT-UK http://amsat-uk.org/
Twitter https://twitter.com/AmsatUK
Facebook https://facebook.com/AmsatUK
YouTube https://youtube.com/AmsatUK

10373. Re: [FUNcube] New release of MULTIPSK (4.35) (RS41 radiosonde)

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-08-05 12:47:14 UTC
From: Marcin Bielinski
Topic: 10369 Message: 10373

Hi Patrick,

This is a kind request to you with an aim to improve the VDL-2 mode (selectivity/sensivity) and prepare a new release of Multipsk, there is a growing numer of VDL-2 trackers worldwide and we altogether call for an improvement of VDL2 mode as to not miss any strong/weak transmissions as it is the case of nowaday.

I am looking forward to hearing from you soon,
Best regards,
Martin

On Thu, 7/26/18, 'Patrick Lindecker' f6cte@... [FUNcube] <FUNcube@....uk> wrote:

Subject: [FUNcube] New release of MULTIPSK (4.35) (RS41 radiosonde)
To: multipsk@..., main@..., UDXF@..., FUNcube@...
Date: Thursday, July 26, 2018, 10:35 PM

New release of
MULTIPSK (4.36) Pour les
francophones: la version en français de ce message se
trouve sur mon site (http://f6cte.free.fr). Il suffit de
cliquer sur le lien "Principales modifications
(courriel avertissant de la sortie de la nouvelle
version)".
Hello to all Ham
and SWL, The new
release of MultiPSK (4.36) is on my Web site
(http://f6cte.free.fr).
The mirror site is
Earl's, N8KBR:
https://www.paazig.net/f6cte/MULTIPSK_setup.exeThe MD5
signature of the downloaded MULTIPSK_setup.exe file to,
possibly, check (with WinMD5 for example), that the
downloading works without error, is equal to:
8b9669cf7cfda8abb14b53490dc309eeMultipsk
associated to Clock are freeware programs but with functions
submitted to a licence (by user key).
 The main improvements of MULTIPSK
4.36 are the
following: RS41
radiosondes decoding
 The RS41 radiosonde is in service since
2014. It equips the weather balloons used in meteorology. It
is a small box of 109 g, equiped with sensors, a GPS
receiver (for its position) and a transmitter for data
transmission, this one being done according to a mode poorly

documented. It is possible to monitor these radiosondes up to a range of 600 km, according to the reception equipment, whereas the weather balloons can travel up to 300 km, in general. It has to be noted that the balloons launches are generally done at fixed time. One or two launches are done each day. For Hams and SWL, the RS41 signal can be received:·
either from the discriminator output of a classical UHF FM receiver via a direct connection to the PC sound card. However, the receiver must have a large reception bandwidth due to the high modulation speed,·
or with a SdR receiver (FunCube Dongle, RTL SDR,...) and directly demodulated by Multipsk. It is the most simple solution. Note: Multipsk decodes the radiosonde position but not the telemetry (temperature, pressure etc). This mode is available for licencied copies, only (otherwise, the decoding is stopped after 5 minutes). See general specifications further on.
   Other improvements:

.
In ALE400, possibility to fix the frequency.For more details about the basic operations in ARQ FAE, download:
http://f6cte.free.fr/ARQ_FAE_in_141A_and_ALE400_easy_with_Multipsk.pdf

 Note about translation of Multipsk.exe and Clock .exe: the 4.35 version of Multipsk has been translated to Spanish by Joachin (EA4ZB), from French. See:
http://f6cte.free.fr/Translation_files.htm.
 73Patrick
 Description of the RS41 mode

Baud rate:
4800 symbols/second.

Modulation : GFSK ("Gaussian Frequency Shift Frequency")

Reception mode: FM

Bandwidth : about 5 KHz

Demodulation : not coherent

Synchronization for bits: automatic using the
signal

Detection code: yes on a header of 64 bits

Interleaving : no

Scrambling: yes

Each RS41
frame of 320 or 518 bytes is composed of two sub-frames Reed
Solomon at the format 255-231, with the power of the first
root (b) at 0. So it can be fixed 24 bytes as a maximum.

The data
part contains different blocks:·
a block frame number
+ sonde identifier, protected by a a checksum,·
a block date and
time, protected by a a checksum,·
a block containing
the position and the speed of the sonde, protected by a a
checksum,·
other blocks
relative to telemetry (not decoded by
Multipsk).

L'absence de virus dans ce courrier électronique a
été vérifiée par le logiciel antivirus Avast.

www.avast.com

10374. Re: [FUNcube] New release of MULTIPSK (4.35) (RS41 radiosonde)

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-08-05 15:31:38 UTC
From: HobbyD
Topic: 10369 Message: 10374

Hi Martin,

I know a few VDL-2 trackers but none of them is using MultiPSK for that, because MultiPSK can only decode one freq at a time.
The VDL2 trackers I know use dumpvdl2 and/or vdlm2dec (both running on my Raspberry Pi) and decode all 4 active VDL2 frequencies
in Europe.

So I'm not sure about your statement ".... and we altogether ...." !!

PS
I also use MultiPSK and I am very happy with it, but for VDL2 I prefer programs that decode multiple frequencies and that run on a
small computer like the Raspberry Pi...

Cheers,
Dick

-----Original Message-----
From: Marcin Bielinski vortilon73@... [FUNcube]
Sent: Sunday, August 5, 2018 14:47
To: FUNcube@...
Subject: Re: [FUNcube] New release of MULTIPSK (4.35) (RS41 radiosonde)

Hi Patrick,

This is a kind request to you with an aim to improve the VDL-2 mode (selectivity/sensivity) and prepare a new release of Multipsk,
there is a growing numer of VDL-2 trackers worldwide and we altogether call for an improvement of VDL2 mode as to not miss any
strong/weak transmissions as it is the case of nowaday.

I am looking forward to hearing from you soon,
Best regards,
Martin

10375. RE: [FUNcube] New release of MULTIPSK (4.35) (RS41 radiosonde)

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-08-05 17:13:23 UTC
From: Patrick Lindecker
Topic: 10369 Message: 10375

Hello Martin,

The VDL2 decoding is as well as I could do...I have no improvement margin. For about VDL2 multi frequencies decoding, I have not planned to add it (I have much more else to do).

73
Patrick

-----Message d'origine-----
De : FUNcube@... [mailto:FUNcube@...]
Envoyé : dimanche 5 août 2018 14:47
À : FUNcube@yahoogroups.co.uk
Objet : Re: [FUNcube] New release of MULTIPSK (4.35) (RS41 radiosonde)

Hi Patrick,

This is a kind request to you with an aim to improve the VDL-2 mode (selectivity/sensivity) and prepare a new release of Multipsk, there is a growing numer of VDL-2 trackers worldwide and we altogether call for an improvement of VDL2 mode as to not miss any strong/weak transmissions as it is the case of nowaday.

I am looking forward to hearing from you soon, Best regards, Martin
---
On Thu, 7/26/18, 'Patrick Lindecker' f6cte@... [FUNcube] <FUNcube@yahoogroups.co.uk> wrote:

Subject: [FUNcube] New release of MULTIPSK (4.35) (RS41 radiosonde)
To: multipsk@..., main@..., UDXF@groups.io, FUNcube@...
Date: Thursday, July 26, 2018, 10:35 PM

New release of
MULTIPSK (4.36) Pour les
francophones: la version en français de ce message se trouve sur mon site (http://f6cte.free.fr). Il suffit de cliquer sur le lien "Principales modifications (courriel avertissant de la sortie de la nouvelle version)".
Hello to all Ham
and SWL, The new
release of MultiPSK (4.36) is on my Web site (http://f6cte.free.fr).
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Earl's, N8KBR:
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8b9669cf7cfda8abb14b53490dc309eeMultipsk
associated to Clock are freeware programs but with functions submitted to a licence (by user key).
The main improvements of MULTIPSK

4.36 are the
following: RS41
radiosondes decoding
The RS41 radiosonde is in service since 2014. It equips the weather balloons used in meteorology. It is a small box of 109 g, equiped with sensors, a GPS receiver (for its position) and a transmitter for data transmission, this one being done according to a mode poorly documented. It is possible to monitor these radiosondes up to a range of 600 km, according to the reception equipment, whereas the weather balloons can travel up to 300 km, in general. It has to be noted that the balloons launches are generally done at fixed time. One or two launches are done each day. For Hams and SWL, the RS41 signal can be received:· either from the discriminator output of a classical UHF FM receiver via a direct connection to the PC sound card. However, the receiver must have a large reception bandwidth due to the high modulation speed,· or with a SdR receiver (FunCube Dongle, RTL SDR,...) and directly demodulated by Multipsk. It is the most simple solution. Note: Multipsk decodes the radiosonde position but not the telemetry (temperature, pressure etc). This mode is available for licencied copies, only (otherwise, the decoding is stopped after 5 minutes). See general specifications further on.
Other
improvements:

.
In ALE400,
possibility to fix the frequency.For more details about the basic operations in ARQ FAE, download:
http://f6cte.free.fr/ARQ_FAE_in_141A_and_ALE400_easy_with_Multipsk.pdf

Note about translation of Multipsk.exe and Clock .exe: the 4.35 version of Multipsk has been translated to Spanish by Joachin (EA4ZB), from French. See:
http://f6cte.free.fr/Translation_files.htm.
73Patrick
Description of the RS41 mode

Baud rate:
4800 symbols/second.

Modulation : GFSK ("Gaussian Frequency
Shift Frequency")

Reception
mode: FM

Bandwidth : about 5 KHz

Demodulation : not coherent

Synchronization for bits: automatic using the signal

Detection code: yes on a header of 64 bits

Interleaving : no

Scrambling: yes

Each RS41
frame of 320 or 518 bytes is composed of two sub-frames Reed Solomon at the format 255-231, with the power of the first root (b) at 0. So it can be fixed 24 bytes as a maximum.

The data
part contains different blocks:· a block frame number + sonde identifier, protected by a a checksum,· a block date and time, protected by a a checksum,· a block containing the position and the speed of the sonde, protected by a a checksum,· other blocks relative to telemetry (not decoded by Multipsk).

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.

www.avast.com

10376. Funcube dashboard software connection

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-08-06 04:56:07 UTC
From: shakeel saad
Topic: 10376 Message: 10376

Hi

I am using icom 9100 to track funcube satellite. I am using funcube dashboard software to receive telemetry or decode telemetry packet. I am turning on option in the dashboard software to capture from sound card.

But still the telemetry is not decoded. Please help how to solve this problem.

If I have ao 73 pass around 10 degree elevation can I still able to get successful telemetry.

I am selecting the USB audio codec as a sound card for my dashboard. What is the meaning of automatic option in the connection option.

Can anyone please guide

Regards

Shakeel

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10377. Re: [FUNcube] Funcube dashboard software connection

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-08-06 11:57:22 UTC
From: Graham Shirville
Topic: 10376 Message: 10377

Hi Shakeel,

I wonder if you have read the guidance notes here?
http://download.funcube.org.uk/FUNcube_Dashboard_Notes_Release_1-6.pdf

And what antenna are you using?

good luck

Graham

G3VZV

On 06/08/2018 05:56, shakeel saad shakeelj2k@... [FUNcube] wrote:
> Hi
>
> I am using icom 9100 to track funcube satellite. I am using funcube
> dashboard software to receive telemetry or decode telemetry packet. I
> am turning on option in the dashboard software to capture from sound
> card.
> But still the telemetry is not decoded. Please help how to solve this
> problem.
> If I have ao 73 pass around 10 degree elevation can I still able to
> get successful telemetry.
> I am selecting the USB audio codec as a sound card for my dashboard.
> What is the meaning of automatic option in the connection option.
>
> Can anyone please guide
>
> Regards
> Shakeel
>
> Get Outlook for Android <https://aka.ms/ghei36>
>
>

10378. Meet-up on Wednesday AM

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-08-06 18:42:04 UTC
From: Brian
Topic: 10378 Message: 10378

Hi Graham,

Just checking we are OK to meet this Wednesday - will 9:30 be OK?

Cheers,

Brian

10379. Re:: Funcube dashboard software connection

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-08-07 16:24:59 UTC
From: lee@...
Topic: 10376 Message: 10379

Shakeel, I am glad its not just me. I have had zero success decoding telemetry from these birds and basically given up.

10380. Re: [FUNcube] Re:: Funcube dashboard software connection

Yahoo group: FUNcube (2015 — 2018)
Date: 2018-08-08 08:02:42 UTC
From: Rob styles
Topic: 10376 Message: 10380

Don't give up, that's easy!
The Funcube Satellite is one of the easiest to decode, I know that doesn't help someone who having trouble decoding it.

Do you have the ability to make a video of a pass, showing the screen and audio, give us a break down of equipment being used, elevation of pass.
Rob M0TFO

Get Outlook for Android<https://aka.ms/ghei36>

_____
From: FUNcube@... <FUNcube@...> on behalf of lee@... [FUNcube] <FUNcube@...>
Sent: Tuesday, August 7, 2018 5:24:59 PM
To: FUNcube@...
Subject: [FUNcube] Re:: Funcube dashboard software connection

Shakeel, I am glad its not just me. I have had zero success decoding telemetry from these birds and basically given up.